USG CEILING SOLUTIONS CATALOG
Q2 2023 | DIGITAL

USG Ceilings Plus® Illusions®
Climate Pledge Arena, Seattle, Washington
Architect: Populous, Photo: © Alex Fradkin
USG SUBMITTAL BUILDER

Your digital advantage to submittal preparation; USG Submittal Builder provides unprecedented access and control of document preparation.

- Quick and easy location of products and related documents
- Perform a competitor comparison directly in the submittal tool
- Combine all related documents into a single .pdf
- Add text, highlight text, draw on and save all these annotations onto the final .pdf
- With one click, move to a pre-populated shopping cart to order samples for all products used in the submittal

DIGITAL RESOURCE INDEX

QUICK LINK TO DIGITAL TOOLS
- Contact a Rep
- Technical Support
- Comparison Tool
- Order a Sample
- E-University
- Ceilings Materials Estimators

ONLINE TOOLS
- Design Studio
- Revit
- Ceiling Technix™ Revit Plugin
- Autodesk
- Gypsum Handbook
- Performance Applications
- Installation Guide

ACOUSTICAL REFERENCE TOOLS
- Acoustics Matters
- Virtual Acoustic Experience
- Acoustics 101

SEISMIC CEILINGS RESOURCES
- Seismic Principles
- Standard Applications Guides
- USG Seismic Ceiling Systems

SUSTAINABILITY REFERENCE TOOLS
- USG Sustainability Tool
- ECOBLUEPRINT®
- Ceiling Recycling Program
- USG 2030 Sustainability Goals

Connecting you to valuable USG product and service resources outside this catalog.
CEILING SYSTEM GUIDES

Celebration™ and Panz® Ceilings Panels System Guide
Celebration™ Torsion Spring Ceiling Panel System Guide
Compässo™ Trim & C² Paired Channels System Guide
Danoline™ Acoustical Perforated Direct Mount, Wall & Ceiling System Guide
Donn® Brand Ceiling Suspension System Catalog
Donn® Brand Rapid RTQ Service
Ensemble® System Design Guide
Ensemble® System - System Enhancements
Ensemble® System - How Does It Work
Healthcare Environments
Logix™ Integrated Ceiling System Guide
Paraline® Linear Metal Ceiling System Guide
True® Wood Grilles System Guide

CEILING INSPIRATION GUIDES

Ceilings Plus® LookBook
Danoline™ LookBook
Ensemble® System LookBook

CEILING FINISH GUIDES

Ceilings Color Palette Brochure
Danoline™ Acoustical Perforated Gypsum Perforation Guide
Metal Ceiling Perforation Selector Guide
Metal Ceiling Handling Guide
Real Wood and Veneer Ceiling Handling Guide
Specialty Ceiling Finish Selector Guide

VIDEOS

C² Paired Compässo™, Installation Video
Ceilings Indexed Support Bar, Installation Video
Celebration™ Canopies, Installation Video
Cloud Ceiling Suspension Brace, Installation Tips Video
Donn® Brand AdvanceSpan™, Installation Video
Donn® Brand Acoustical Suspension System Introduction Video
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Logix™ Integrated Ceiling System, Installation Video
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USG Mars™ High NRC/High CAC Introduction Video
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USG is the global leader in the manufacturing of ceiling suspension systems and a recognized innovator in the development of acoustical and gypsum panels as well as specialty ceiling systems. We believe that USG Ceiling products should not only bring visions to life, but they should also enhance and inspire those visions while reducing the building industry's impact on the environment.

USG Ceiling Solutions offers an extensive line of acoustical panels, suspension systems, integrated ceiling systems and specialty ceiling systems, and all USG Ceiling products are built to provide design freedom, easy installation and outstanding performance. USG. It’s Your World. Build It.”

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USG Mars™ Acoustical Panels
Banner Ocotillo Medical Center in Phoenix, AZ
Architect: SmithGroup Phoenix, Photo: ©Kevin C Korczyk

USG Ceilings Plus® Barz®, Finish: Sarante® Natural Walnut
Newell Headquarters in Hoboken, NJ
Architect: Perkins & Will, Photo: ©Halkin Mason Photography
USG True® Wood Modular Grilles Ceiling, Custom, Finish: White Oak, Custom
Medical Mutual Offices in Brooklyn, OH
Architect: Bialosky Architects
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USG Ceilings Plus® Barz®, Finish: Sarante® Custom
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USG Ceilings Plus® Illusions®, Finish: Blanco Mat®
Akin Gump in Dallas, TX
Architect: Gensler, Photo: ©Garrett Rowland
USG Ceilings Plus® Barz®, Finish: Blanco Mat®
Becton, Dickinson and Co. Offices in Tempe, AZ
Architect: SmithGroup Phoenix,
Photo: ©Kevin C Korczyk
USG Ceilings Plus® Barz® Finish: Sarante® European Cherry
UC Berkeley, Tolman Hall in Berkeley, CA
Architect: WRNS Studio, Photo: ©Jasper Sanidad
USG Ceilings Plus® BARZ®
OPEN PLENUM MODULAR ACOUSTIC SYSTEM

FEATURES AND BENEFITS
- Fully accessible panelized cassette system with torsion spring grid attachment.
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc. (independently suspended).
- Acoustical performance utilizing perforations and sound absorbing materials including Acoustibond and Ultrasorb.
- Standard and customizable perforations available to create visual patterns.
- Design flexibility with unlimited profiles and layout options.
- Varied mounting arrangements available to respond to installation requirements.
- Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.
- Available for wall application.

APPLICATIONS
- Interior and Exterior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Wall Applications
- Sloped Ceilings
- Curved Ceilings
- New Construction
- Downward Accessible

To order samples, contact your local sales representative

SARANTE® - PVC FREE LAMINATE
- S11 Creme Ovang
- S21 Blond Teak
- S31 Golden Oak
- S22 Valley Maple
- S32** CP Maple
- S33N2 honey Anigre
- S22 Oak Lin
- S23N Golden Birch
- S33** Red Birch
- S25 Natural Ovang
- S34 Cherry Anigre Cinnamon Cherry
- S33N European Cherry
- S24N Sable Walnut
- S22 Sable Walnut
- S24N Sable Walnut
- S33 Natural Walnut
- S37 Oak Lin
- S27 Forest Walnut
- S26 Earth Rosewood
- S18** Natural Sateen
- S18* Sateen
- S25 Light Walnut
- S27 Dark Jatoba
- S26 European Cherry
- S28N Tan Sawn Oak
- S37 Dark Oak
- S28N Dark Oak

ARBOREAL® - REAL WOOD VENEER - INTERIOR ONLY
- Maple
- VG Fir
- White Oak
- Cherry
- Mahogany
- Walnut
- Kryolite
- Grau
- Saturn

ANODIZED - ON METAL
- Standard Silver
- Bianco Matt®
- Flat White
- Custom

To order samples, contact your local sales representative
USG Ceilings Plus® BARZ®
OPEN PLENUM MODULAR ACOUSTIC SYSTEM

ORDER SAMPLES/LITERATURE
Contact your local sales rep.

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
AND LEED REPORT TOOL
Contact your local sales rep.

Declaré Labels on select finishes, see usg.com for more details and documentation.

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<td>Acoustibond, Ultrasorb</td>
<td>0.70 - 0.95 (Requires Ultrasorb and perforations)</td>
<td>Standard, Custom</td>
<td>Class A, ASTM E84</td>
<td>Up to 90%, finish dependent (hardware excluded)</td>
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BAFFLE SIZE GUIDELINES
• Maximum length is 8’
• Maximum width is 12” with max height of 6”
• Minimum width is 1” with max height of 8”
• Consult factory for custom panel size possibilities

INTEGRATION
Barz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

MODIFICATION
Cassette systems are easily modified in the field with our template tools. These tools which provide easy precision cutting are standard supplied parts with each order. See our installation manual for details. See our full list of CAD details.

Footnotes:
*Arboreal is for interior only.
**Select Sarante finishes available for Interior and Exterior.

Low Emissions (VOC) CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

USG Logix™ Universal Yoke
End-Cap
Individual Baffle
Main Tee
Backslat
Cross Tee
CL Clip

Integration:
Barz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

Modification:
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*Arboreal is for interior only.
**Select Sarante finishes available for Interior and Exterior.

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
FEATURES AND BENEFITS

- Bar® baffles are now available with Brilliance™ lighting - a fully integrated linear LED lighting solution!
- Still fully accessible panelized cassette system with torsion spring grid attachment.
- Fully customizable.
- Fully integrated lighting reduces coordination & installation time with easy-to-specify BOM.
- Create custom ambiance experiences with high-end lighting options, including Circadian and tunable white.
- Lighting calculation & design support available.

APPLICATIONS

- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- New Construction
- Downward Accessible

To order samples, contact your local sales representative.
USG Ceilings Plus® BARZ® + BRILLIANCE™
BAFFLES WITH INTEGRATED LINEAR LED SOLUTION

PERFORMANCE OPTIONS
(Lighting Components)

<table>
<thead>
<tr>
<th>Application</th>
<th>Integration</th>
<th>Approvals</th>
<th>Operating Voltage</th>
<th>Certification</th>
<th>Dimming</th>
<th>Light Output @ 3000K</th>
<th>Average Power Consumption (for 8’ section)</th>
<th>Efficacy Lm/W</th>
<th>Maximum Run Length (in series)</th>
<th>CRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Full Integrated Design, Full Factory Installed Product</td>
<td>Class 1 &amp; 2 Damp Listed</td>
<td>24 VDC</td>
<td>UL Listed</td>
<td>Dimmable 0-10V, DALLI, DMX</td>
<td>393 lm/ft</td>
<td>5.9 W/ft</td>
<td>67</td>
<td>24 Feet</td>
<td>92</td>
</tr>
</tbody>
</table>

PERFORMANCE OPTIONS
(Ceiling Components)

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finishes</th>
<th>Accessibility</th>
<th>Acoustics</th>
<th>NRC</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Torsion Spring Tee Grid</td>
<td>Sarante, Arborial, Anodized, Painted</td>
<td>Full Downward</td>
<td>Ultrasorb</td>
<td>0.70-0.90 (requires Ultrasorb &amp; perforations)</td>
<td>Custom</td>
<td>Class A</td>
<td>Up to 90%, finish dependent (hardware excluded)</td>
<td>See architectural specification</td>
</tr>
</tbody>
</table>

DESIGN PARAMETERS

BAFFLE SIZE GUIDELINES
- Maximum length is 8’
- Maximum width is 10” / max height of 12”
- Minimum width is 2” / min height of 4”
- Consult factory for custom panel size possibilities

LIGHTING COLOR OPTIONS
- 3500 Kelvin (K)
- 4000 Kelvin (K)
- TW (Tunable White - 2700K to 5200K
- BIOS (          Wellness Lighting)

ADDITIONAL DOCUMENTS AND RESOURCES:
- Please contact your local sales representative for the following documents:
  - Architectural Specification
  - Installation Manual
  - Cleaning Instructions: ICS8
  - Check Sheet (Order Form)
  - Warranty: SC2102
  - System Guide

FIRE CLASSIFICATION:
Barz® product line is class A in accordance with ASTM E84.

SUSPENSION SYSTEM
Barz® suspension system is ICC approved in accordance with International Building Code standards for seismic categories A,B,C,D,E,F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

SEISMIC COMPLIANCE
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C633 for all of its ceiling systems (as applicable). Full report is available upon request.

INTEGRATION
Barz® can accommodate a full range of LED lighting fixtures for any design intent. Air diffusers, speakers, sprinklers, and other ceiling attached accessories can also be integrated as well (independently suspended). CAD details are available online at www.ceilingsplus.com.

MODIFICATIONS:
Cassette systems are easily modified in the field with our template tools. These tools which provide easy precision cutting are standard supplied parts with each order. See our installation manual for details.

PHYSICAL DATA

DECLARE® Labels on select finishes, see usg.com for more details and documentation.

Notice: The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.
FEATURES AND BENEFITS
Fully accessible panelized cassette system with torsion spring grid attachment. Pre-engineered system to reduce lead times. Acoustical performance utilizing perforations and sound absorbing materials, including Acoustibond and Ultrasorb. Varied mounting arrangements or field modifications available to respond to installation requirements. Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• New Construction
• Downward Accessible

FINISHES
PAINTED
Blanco Matt®
Matte Black
Silver Satin

SARANTE®
S-22 Oak Line
S-35 Blond Pear
S-37 Dark Jatoba
Full Sarante® offering available as a premium

ACOUSTICS
Ultrasorb
Perforation
CD0610 (CD-7) 5% Open (perforated on sides of baffles)

ARCHITECT: Perkins & Will
PHOTO: © Kevin G. Smith

To order samples, contact your local sales representative
USG Ceilings Plus® Design Solutions-BARZ®
ULTRA LIGHTWEIGHT LINEAR BAFFLES - B201503

Performance Options

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Ceiling Open %</th>
<th>Acoustics</th>
<th>NRC</th>
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<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Torsion Spring Tee Grid</td>
<td>Painted, Sarante</td>
<td>Downward</td>
<td>29%</td>
<td>Ultrasorb</td>
<td>0.70 - 0.80 (Requires Ultrasorb and/or perforations)</td>
<td>C06310 (SD-7) (10% Open)</td>
<td>Class A</td>
<td>Up to 90% finish dependent (hardware excluded)</td>
<td>See architectural specification</td>
<td>0.8 lb/sq. ft.</td>
</tr>
</tbody>
</table>

Details

Cassette Assembly

1/4" Typ. Reveal

48" (Main Tee $\equiv$) 48" (Main Tee $\equiv$)

End Cap
2" x 1-1/2" x 1/2"

Barz® Main Tee
12"

Individual Baffle
2" x 1-1/2" x 8"

Torsion Spring

Cross Tee
4'

Backslat
1-5/8" x 3/4" x 18"

Accessories

Product Literature
Please contact your local sales representative for the following documents:
- Architectural Specification
- Installation Manual
- Cleaning Instructions: IC318
- Check Sheet (Order Form)
- Warranty: SC2102

Fire Classification
Barz® product line is class A in accordance with ASTM E84.

Suspension System
Barz® suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM G65 for all of its ceiling systems (as applicable). Full report is available upon request.

Structural Test Reports
USG Ceilings Plus has developed Barz® ceiling systems to meet ASTM E23, ASTM E59 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Integration
Barz® can accommodate a full range of LED lighting fixtures for any design intent. Air diffusers, speakers, sprinklers, and other ceiling attached accessories can also be integrated as well (independently suspended). CAD details are available online at www.ceilingsplus.com.

Modifications
Cassette systems are easily modified in the field with our template tools. These tools which provide easy precision cutting are standard supplied parts with each order. See our installation manual for details.

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

Physical Data

<table>
<thead>
<tr>
<th>Low Emissions (VOC)</th>
<th>Declare® Labels on select finishes, see usg.com for more details and documentation.</th>
<th>Declare® Labels on select finishes, see usg.com for more details and documentation.</th>
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ULTRA LIGHTWEIGHT LINEAR BAFFLES - B201503

USG Ceilings Plus® Design Solutions-BARZ®

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDSs and literature before specification and installation.
FEATURES AND BENEFITS
Fully accessible panelized cassette system with torsion spring grid attachment. Pre-engineered system to reduce lead times. Acoustical performance utilizing perforations and sound absorbing materials, including Acoustibond and Ultrasorb. Varied mounting arrangements or field modifications available to respond to installation requirements. Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLIANCIES
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• New Construction
• Downward Accessible

FINISHES
PAINTED

SARANTE®

S-22 Oak Line
S-15 Blond Pear
S-37 Dark Jatoba
Full Sarante® offering available as a premium

ACOUSTICS

PERFORATION

Ultrasorb (infill or lay-in)
C36410 (SD-7) 50% Open (perforated on sides of baffle)
USG Ceilings Plus® Design Solutions-BARZ®
ULTRA LIGHTWEIGHT LINEAR BAFFLES - B103004

ORDER SAMPLES/LITERATURE
Contact your local sales rep.
TECHNICAL SERVICES
Contact your local sales rep.
FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
Contact your local sales rep.

Fire Classification
Barz® product line is class A in accordance with ASTM E84.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM E635 for all of its ceiling systems (as applicable). Full report is available upon request.

Structural Test Reports
USG Ceiling Plus has developed Barz® ceiling systems to meet ASTM E635, ASTM E636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Integration
Barz® can accommodate a full range of LED lighting fixtures for any design intent. Air diffusers, speakers, sprinklers, and other ceiling attached accessories can also be integrated as well (independently suspended). CAD details are available online at www.ceilingsplus.com.

Modifications
Cassette systems are easily modified in the field with our template tools. These tools which provide easy precision cutting are standard supplied parts with each order. See our installation manual for details.

Low Emissions (VOC)
CPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

Product Literature
Please contact your local sales representative for the following documents:
- Architectural Specification
- Installation Manual
- Cleaning Instructions: IC518
- Check Sheet (Order Form)
- Warranty: IC5202

Notice
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FEATURES AND BENEFITS
Fully accessible panelized cassette system with torsion spring grid attachment. Pre-engineered system to reduce lead times. Acoustical performance utilizing perforations and sound absorbing materials, including Acoustibond and Ultrasorb. Varied mounting arrangements or field modifications available to respond to installation requirements. Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings

• Sloped Ceilings
• New Construction
• Downward Accessible

To order samples, contact your local sales representative
**USG Ceilings Plus® Design Solutions-BARZ®**

**ULTRA LIGHTWEIGHT LINEAR BAFFLES - B208008**

**Declare®** Labels on select finishes, see usg.com for more details and documentation.

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Ceiling Open %</th>
<th>Acoustics</th>
<th>NRC</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Torsion Spring Tee Grid</td>
<td>Painted, Sarante</td>
<td>Downward</td>
<td>71%</td>
<td>Ultrasorb</td>
<td>0.70 - 0.90 (Requires Ultrasorb and/or perforations)</td>
<td>CDO6310 (SD-7) (10% Open)</td>
<td>Class A ASTM E84</td>
<td>Up to 90%, finish dependent (hardware excluded)</td>
<td>See architectural specification</td>
<td>1.2 lb/sq. ft.</td>
</tr>
</tbody>
</table>

**Cassette Assembly**

- **End Cap**
  - 2" x 8" x 1/2"
- **Barz® Main Tee**
  - 12'
- **Individual Baffle**
  - 2" x 8" x 8'
- **Torsion Spring**
- **Cross Tee**
  - 4'
- **Backslat**
  - 1-5/8" x 3/4" x 24"

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**Fire Classification**

Barz® product line is class A in accordance with ASTM E84.

**Suspension System**

Barz® suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and "heavy duty" rating is available upon request.

**Seismic Compliance**

USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Structural Test Reports**

USG Ceilings Plus has developed Barz® ceiling systems to meet ASTM D35 & ASTM D36 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Integration**

Barz® can accommodate a full range of LED lighting fixtures for any design intent. Air diffusers, speakers, sprinklers, and other ceiling attached accessories can also be integrated as well (independently suspended). CAD details are available online at www.ceilingsplus.com.

**Modifications**

Cassette systems are easily modified in the field with our template tools. These tools which provide easy precision cutting are standard supplied parts with each order. See our installation manual for details.

**Performance Options**

- Architectural Specification
- Installation Manual
- Clearing Instructions: IC39
- Check Sheet (Order Form)
- Warranty: SC2102

**Physical Data**

- **Product Literature**
  - Please contact your local sales representative for the following documents:

**Accessories**

- ** Declare® Labels on select finishes, see usg.com for more details and documentation.**

**Notice**

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**ICT77/Rev. 5.23**

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FEATURES AND BENEFITS
Fully accessible panelized cassette system with torsion spring grid attachment. Pre-engineered system to reduce lead times. Acoustical performance utilizing perforations and sound absorbing materials, including Acoustibond and Ultrasorb. Varied mounting arrangements or field modifications available to respond to installation requirements. Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLICATIONS
• Interior Applications
• Sloped Ceilings
• Pods, Islands, and Clouds
• New Construction
• Wall to Wall Ceilings

FINISHES
PAINTED
Blanco Mat®
Matte Black
Silver Satin

SARANTE®
S-22 Oak Line
S-18 Blond Pear
S-37 Dark Jatoba
Full Sarante® offering available as a premium

ACOUSTICS
PERFORATION
Ultrasorb
(10% or lay-in)
CD06310 (SD-7)
71% Open
(10% Open (perforated on sides of baffle)
USG Ceilings Plus® Design Solutions-BARZ®
ULTRA LIGHTWEIGHT LINEAR BAFFLES - B206008

PERFORMANCE OPTIONS

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Ceiling Open %</th>
<th>Acoustics</th>
<th>NRC</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Torsion</td>
<td>Painted, Sarante</td>
<td>Downward</td>
<td>71%</td>
<td>Ultrasorb</td>
<td>0.70 - 0.90</td>
<td>Class A</td>
<td>ASTM E84</td>
<td>Up to 90%, finish dependent (hardware excluded)</td>
<td>See architectural specification</td>
<td>1.0 lb/sq. ft.</td>
</tr>
</tbody>
</table>

DETAILS

Cassette Assembly

1/4" Typ. Reveal

ACCESSORIES

End Cap
2" x 6" x 1/2"

Barz® Main Tee
12'

Individual Baffle
2" x 6" x 8'

Torsion Spring

Cross Tee
4'

Backslat
1-5/8" x 3/4" x 24"

PHYSICAL DATA

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

Product Literature
Please contact your local sales representative for the following documents:
- Architectural Specification
- Installation Manual
- Cleaning Instructions: IC318
- Check Sheet (Order Form)
- Warranty: SC2102

Fire Classification
Barz® product line is class A in accordance with ASTM E84.

Suspension System
Barz® suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM 635 for all of its ceiling systems (as applicable). Full report is available upon request.

Structural Test Reports
USG Ceilings Plus has developed Barz® ceiling systems to meet ASTM 635, ASTM 636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Integration
Barz® can accommodate a full range of LED lighting fixtures for any design intent. Air diffusers, speakers, sprinklers, and other ceiling attached accessories can also be integrated as well (independently suspended). CAD details are available online at www.ceilingsplus.com.

Modifications
Cassette systems are easily modified in the field with our template tools. These tools which provide easy precision cutting are standard supplied parts with each order. See our installation manual for details.

Manufactured by USG Interiors, LLC
510 West Adams Street
Chicago, IL 60661

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Low Emissions (VOC)
Declare® Labels on select finishes, see usg.com for more details and documentation.

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USG Ceilings Plus® Design Solutions
BARZ® + BRILLIANCE™
BAFFLES WITH INTEGRATED LINEAR LED SOLUTION

FEATURES AND BENEFITS
• Barz® baffles are now available with Brilliance™ lighting - a fully integrated linear LED lighting solution!
• Still fully accessible panelized cassette system with torsion spring attachment.
• This pre-engineered offering of SKU’s ships in 8 weeks or less.*
• Fully integrated lighting reduces coordination & installation time with easy-to specify BOM.
• Static white color temperatures 3500K or 4000K options with IES files & AGi32 database objects available.
• Lighting calculation support available.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings

FINISHES
PAINTED
Blanco Mat®
Matte Black
Silver Satin

SARANTE®
S-22 Oak Line
S-15 Blond Pearl
S-37 Dark Jacoba
Full Sarante® offering available as a premium

ACOUSTICS
PERFORATION
Ultrasonic (6% or lay-in)
CO06310 (SD-7) 10% Open (perforated on sides of baffle)

To order samples, contact your local sales representative
PERFORMANCE OPTIONS
(Lighting Components)

<table>
<thead>
<tr>
<th>Application</th>
<th>Integration</th>
<th>Approvals</th>
<th>Operating Voltage</th>
<th>Certification</th>
<th>Dimming</th>
<th>Light Output @ 3000K</th>
<th>Average Power Consumption (for 8’ section)</th>
<th>Efficacy Lm/W</th>
<th>Maximum Run Length (in series)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Full Integrated Design, Full Factory Installed Product</td>
<td>Class 1-96W &amp; 2-300W Damp Listed</td>
<td>24 VDC</td>
<td>UL Listed</td>
<td>Dimmable 0-10V, DAlI</td>
<td>393 lm/ft</td>
<td>5.9 W/ft</td>
<td>67</td>
<td>24 Feet</td>
</tr>
</tbody>
</table>

PERFORMANCE OPTIONS
(Ceiling Components)

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<tr>
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<th>Grid Options</th>
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<tr>
<td>Interior</td>
<td>Torsion Spring Tee Grid</td>
<td>Sarante, Painted</td>
<td>Full Downward</td>
<td>Ultrasorb</td>
<td>0.70-0.90 (requires Ultrasorb &amp; perforations)</td>
<td>CD06310 (SD-7)</td>
<td>Class A</td>
<td>Up to 90%, finish dependent (hardware excluded)</td>
<td>See architectural specification</td>
</tr>
</tbody>
</table>

3 Size Modules:
(lights not shown)

Profiles:
2” x 6”

Light Color Options:
• 3500K
• 4000K

Single Light Option
(Light baffles may be detached and rearranged during installation)

Double Light Option

DRIVERS:
Class-2 (96W)
(need 1 driver for every 16’ of light)

REFERENCE LAYOUT:
• 24” x 48” (4)
• 24” x 96” (6)

Additional documents and resources:
Please contact your local sales representative for the following documents:
• Architectural Specification
• Installation Manual
• Cleaning Instructions
• Check Sheet (Order Form)
• Warranty: SC2001
• System Guide

Fire Classification:
Barz® product line is class A in accordance with ASTM E84.

Suspension System
Barz® suspension system is ICC approved in accordance with International Building Code standards for seismic categories A,B,C,D,E,F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

Integration
Barz® can accommodate a full range of LED lighting fixtures for any design intent. Air diffusers, speakers, sprinklers, and other ceiling attached accessories can also be integrated as well (independently suspended). CAD details are available online at www.ceilingsplus.com.

Modifications:
Cassette systems are easily modified in the field with our template tools. These tools which provide easy precision cutting are standard supplied parts with each order. See our installation manual for details.

*Lead Times:
For projects up to 2500 square feet.
FEATURES AND BENEFITS
• Made from 100% recycled materials, including plant-based fibers.
• Fully accessible plenum at every panel location.
• Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
• Design flexibility with varying profiles and layout options.
• Available in 12mm and 24 mm (select colors) thickness (up to 4") and 8’ long Barz.
• Varied mounting arrangements are available to respond to any installation requirements or conditions.
• Class A per ASTM E84.
• Available for wall application.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Wall Applications
• Sloped Ceilings
• New Construction
• Downward Accessible

STANDARD COLOREX™ FINISHES

WOODGRAIN COLOREX™ FINISHES

* Available in both 12mm and 24mm
Please contact your local sales representative for the following documents:

- Architectural Specification
- Installation Manual
- Cleaning Instructions
- Warranty: SC2102
- System Guide

**Fire Classification:**
Colortex Barz product line is Class A in accordance with ASTM E84.

**Suspension System:**
Colortex Barz suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

**Seismic Compliance:**
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Seismic Test Reports:**
USG Ceiling Plus has developed Colortex Barz ceiling systems to meet ASTM 635, ASTM 636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Integration:**
Colortex Barz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

**Modification:**
Panels are easily modified in the field with standard tools. See our full list of CAD details.

---

**BAFFLE SIZE GUIDELINES**
- Maximum length is 96” with max depth of 20” and max width of 6”
- Minimum width is 1”
- Consult factory for custom panel size possibilities

**Low Emissions (VOC)**
CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

**Notice**
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**Product Literature**
Please contact your local sales representative for the following documents:

- Architectural Specification
- Installation Manual
- Cleaning Instructions
- Warranty: SC2102
- System Guide

Manufactured by
USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

The trademarks USG, CEILINGS PLUS, CGC, Colortex, Barz, the USG/CGC logos, the Celings Plus logos, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.

Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
FEATURES AND BENEFITS

• Made from 100% recycled materials, including plant-based fibers.
• Uses quick and easy to install swivel-clips that utilizes standard grid.
• Multiple profiles and unlimited spacing allow for endless possibilities.
• Provides excellent acoustic performance with NRC* up to 1.20.
• Available in 12mm-thick material.
• Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).

APPLICATIONS

• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• New Construction or Renovation
• Downward Accessible

STANDARD COLORTEX™ FINISHES

- Ocean
- Lake
- Nautical
- Reef
- Prairie
- Pesto
- Summer
- Bengal
- Chili
- Sedona
- Coffee
- Black
- Charcoal
- Ash
- Marble
- Stone
- Iceberg
- Cocoa
- Sand
- Granite
- Cream
- Clay
- Cloud
- Snow

WOODGRAIN COLORTEX™ FINISHES

- White Oak
- Pecan Oak
- Brazilian Walnut

To order samples, contact your local sales representative.

Slidable Swivel-Clips allow Baffle spacing adjustment.
Product Literature
Please contact your local sales representative for the following documents:

- Check Sheet
- Installation Guide: IC277043
- Architectural Specification
- CAD & Revit files
- Cleaning Instructions: IC277043
- Warranty: SC2102

Fire Classification:
Colortex Barz material is Class A in accordance with ASTM E84.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

Structural Test Reports
USG Ceilings Plus has developed Colortex Barz ceiling systems to meet ASTM E635, ASTM E636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

Physical Data

- Thickness: 12mm
- Perforation: Up to 1.20
- NRC*: ---
- Fire Rating: Class A, ASTM E84
- Recycled Content: 60% Post-recycled/40% Pre-recycled content (hardware excluded)
- Maintenance: See Installation Guide

Design Parameters

- Fire Classification: Colortex Barz material is Class A in accordance with ASTM E84.
- Perforation: Up to 1.20
- NRC*: ---
- Recycled Content: 60% Post-recycled/40% Pre-recycled content (hardware excluded)
- Maintenance: See Installation Guide

Performance Options

- Application: Interior
- Grid Options: Donn® Brand DX® (15/16" Grid)
- Finish: 24 Standard Colors & 3 Wood Grains
- Accessibility: Full
- Item No.: ---
- Thickness: 12mm
- NRC*: ---
- Perforation: Up to 1.20
- Fire Rating: Class A, ASTM E84
- Recycled Content: 60% Post-recycled/40% Pre-recycled content (hardware excluded)
- Maintenance: See Installation Guide

Joining Systems

- Swivel-Clip mechanism secures Baffle to Main Tee
- Adjust Baffle spacing & set position with Lock-Screw
- Sold as individual baffle assemblies (brackets and swivel clips factory installed)

Installation Type

- Mounts to Grid via Swivel-Clip Brackets
- Swivel-Clip Bracket
- Main Tee
- End Cap
- Cross Tee
- CL Clip

Joining Systems

- Lock-Screw
- Swivel-Clip Bracket
- Main Tee
- End Cap
- Cross Tee
- CL Clip

Acoustic Performance:
NRC values are calculated for the Barz array from sound absorption testing per ASTM C423 with Colortex Barz in Type J Mounting as described in ASTM E795. Total measured sound absorption (sabins) for each Barz profile and orientation is divided by the footprint area (sq. ft) of the tested Barz array to calculate sound absorption per unit area (sabins per sq. ft) of the array, which is analogous to NRC.

Integration:
Colortex Barz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.usg.com.

Modification:
Panels are easily modified in the field with standard tools. See our Installation Guide.

Manufactured by
USG Interiors, LLC
510 West Adams Street
Chicago, IL 60661

The trademarks USG, CEILINGS PLUS, CGC, Colortex, Barz, Logix, Donn, the USG/CGC logo, the Ceilings Plus logo, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.

Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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FEATURES AND BENEFITS
- Made from 100% recycled materials, including plant-based fibers.
- Mounts flush to finished walls & ceilings with locking provision to secure in place.
- Hook & slot rails provide quick & easy installation.
- Multiple profiles and unlimited positioning allow for endless possibilities.
- Provides excellent acoustic performance with NRC* up to 1.00.
- Available in 12mm-thick material.

APPLICATIONS
- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Sloped Ceilings
- Wall Applications
- New Construction or Renovation
- Downward Accessible

STANDARD COLORTEX™ FINISHES
- Ocean
- Lake
- Nautical
- Reef
- Prairie
- Pesto
- Summer
- Bengal
- Chili
- Sedona
- Coffee
- Black
- Charcoal
- Ash
- Marble
- Stone
- Iceberg
- Cocoa
- Sand
- Giraffe
- Cream
- Clay
- Cloud
- Snow

WOODGRAIN COLORTEX™ FINISHES
- White Oak
- Pecan Oak
- Brazilian Walnut

INSTALLATION GUIDE
With Intent to ceiling
**Product Literature**

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Item No.</th>
<th>Thickness</th>
<th>NRC*</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Direct mount via Hook &amp; Slot Rails</td>
<td>24 Standard Colors &amp; 3 Wood Grains</td>
<td>Full Downward</td>
<td>---</td>
<td>12mm</td>
<td>Up to 1.00</td>
<td>---</td>
<td>Class A, ASTM E84</td>
<td>60% Post-recycled/40% Pre-recycled (hardware excluded)</td>
<td>See installation Guide</td>
</tr>
</tbody>
</table>

**FUllY INSTALLED SYSTEM**

**Profiles:**
- 2"W x 2"H
- 2"W x 5"H
- 2"W x 10"H
- 3"W x 2"H
- 3"W x 6"H
- 4"W x 2"H
- 4"W x 4"H
- 4"W x 8"H

**Lengths:**
- 48"L
- 72"L
- 96"L

**Installation Types**
- Mount via Slot Channels & Hook Rails
- Mount to Ceilings
- Mount to Walls

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

**Fire Classification:**
ColorTex Barz material is Class A in accordance with ASTM E84.

**Suspension System:**
ColorTex Barz suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and "heavy duty" rating is available upon request.

**Seismic Compliance:**
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Structural Test Reports**
USG Ceilings Plus has developed ColorTex Barz ceiling systems to meet ASTM E635, ASTM 636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Acoustic Performance:**
NRC values are calculated for the Barz array from sound absorption testing per ASTM C423 with ColorTex Barz in Type J Mounting as described in ASTM E795. Total measured sound absorption (sabins) for each Barz profile and orientation is divided by the footprint area (sq. ft) of the tested Barz array to calculate sound absorption per unit area (sabins per sq. ft) of the array, which is analogous to NRC.

**Integration:**
ColorTex Barz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.usg.com.

**Modification:**
Panels are easily modified in the field with standard tools. See our Installation Guide.
USG Ceilings Plus® COLORETEX™ - BLADES
ACOUSTIC PANEL SOLUTIONS

FEATURES AND BENEFITS
• Made from 100% recycled materials, including plant-based fibers.
• Fully accessible plenum at every panel location.
• Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
• Design flexibility with unlimited profiles and layout options.
• Available in 12mm and 24mm (select colors) thickness panels 8’ in length.
• Varied mounting arrangements are available to respond to any installation requirements or conditions.
• Class A per ASTM E84.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• New Construction
• Downward Accessible

STANDARD COLORETEX™ FINISHES

WOODGRAIN COLORETEX™ FINISHES

To order samples, contact your local sales representative

* Available in both 12mm and 24mm
**USG Ceilings Plus® COLORTEX™ - BLADES**

**ACOUSTIC PANEL SOLUTIONS**

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Item No.</th>
<th>Thickness</th>
<th>NRC</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Torsion Spring Tee Grid, Direct Mount</td>
<td>24 Standard Colors &amp; 3 Wood Grains, Custom Colors Available</td>
<td>Full Downward</td>
<td>---</td>
<td>12mm &amp; 24mm</td>
<td>0.45 - 0.90 (Material)</td>
<td>---</td>
<td>Class A, ASTM E84</td>
<td>60% Post-recycled/40% Pre-recycled content (hardware excluded)</td>
<td>See architectural specification</td>
</tr>
</tbody>
</table>

**PERFORMANCE OPTIONS**

**DESIGN PARAMETERS**

**PHYSICAL DATA**

**Product Literature**

Please contact your local sales representative for the following documents:

- Architectural Specification
- Installation Manual
- Clearing Instructions
- Warranty: SC2002
- System Guide

**Fire Classification**

Colortex Blades product line is Class A in accordance with ASTM E84.

**Suspension System**

Colortex Blades suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

**Seismic Compliance**

USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy-duty rated tee-bar suspension components as outlined in ASTM E635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Structural Test Reports**

USG Ceiling Plus has developed Colortex Blades ceiling systems to meet ASTM E635, ASTM E636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

**Integration:**

Colortex Blades can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

**Modification:**

Panels are easily modified in the field with standard tools. See our full list of CAD details.

**Thickness**

12mm & 24mm

**Perforation**

---

**Accessibility**

Full Downward

**Item No.**

---

**Recycled Content**

60% Post-recycled/40% Prerecycled content (hardware excluded)

**Maintenance**

See architectural specification

---

**FACTORY-ASSEMBLED MODULE FOR EASY AND PRECISE INSTALLATION**

**FACTORY-ASSEMBLED SUPPORT FRAMEWORK**

**SEISMIC RATED TORSION SPRINGS SNAP INTO USG SLOTTED MAIN TEE**

**PANEL SIZE GUIDELINES**

- Maximum length is 108” with max height of 48”
- Minimum height is 2” with max length of 108”
- Consult factory for custom panel size possibilities

---

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**ICS405/rev. 5-23**

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**ORDER SAMPLES/LITERATURE**

Contact your local sales rep.

**TECHNICAL SERVICES**

Contact your local sales rep.

**FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL**

Contact your local sales rep.
USG PARALINE® BAFFLES LINEAR CEILING AND WALL SYSTEM

FEATURES AND BENEFITS
• Elegant and durable linear metal ceiling system consists of variable width and length baffles attached to standard USG Donn® Brand DX®, Gridware™ or Curvatura™ grid systems
• Clip on design offers unlimited access with no plenum depth requirements
• Unconstrained by suspension system in independent suspension applications
• Ideal for providing combined visual accents and acoustical control
• Available in acoustical or non-acoustical options
• Grouping Bar for increased installation speed and exact baffle spacing

APPLICATIONS
• Interior Applications
• Wall Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• Curved Ceilings
• New Construction or Renovation
• Downward Accessible
• Layout is Field Customizable

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS
• Flat White 050
• Silver Satin 002
• Matte White 3708

ANODIZED METALS
• Brushed Aluminum PIA12
• Polished Chrome P9961

TIMBRE™
• Maple 4010
• VG Fir 4011
• Red Birch 4012
• Cherry 4013
• Walnut 4014
• Mahogany 4015

CUSTOM COLORS AVAILABLE

Paraline® Baffles in different widths and depths, custom color (computer generated image)
USG PARALINE® BAFFLES

**Product Information**

**Materials**
- Aluminum baffles; painted, anodized and powder coated

**Baffle Sizes - Height x Width x Length**

<table>
<thead>
<tr>
<th>Material</th>
<th>Size</th>
<th>Acoustical Performance Data</th>
<th>Fire Rating</th>
<th>LR</th>
<th>Recycled Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>4” x 1.5” x 24’</td>
<td>Class A</td>
<td>Matte White</td>
<td>Over 0.90</td>
<td>0.90</td>
<td>Up to 65%</td>
</tr>
<tr>
<td>4” x 2.0” x 24’</td>
<td>ASTM E84</td>
<td></td>
<td>3708</td>
<td></td>
<td>Up to 0.40</td>
</tr>
<tr>
<td>4” x 3.0” x 24’</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Sabins per LF²</td>
</tr>
<tr>
<td>6” x 1.5” x 24’</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6” x 2.0” x 24’</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6” x 3.0” x 24’</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6” x 4.0” x 24’</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Physical Data**

- **seismic categories A through F**
- **polybag infill**
- **flame spread: 25 or less**

**Monitoring**

- **Smoke developed: 50 or less**
- **Class A**

**Acoustical Data**

- **ASTM E84 and CAN/ULC S102**
- **surface-burning characteristics**
- **with Acoustibond® backer**
- **Class A**
- **Firespread: 25 or less**
- **Smoke developed: 50 or less**
- **Acoustibond backer and polybag infill**

**Performance Data**

- **ASTM E84 and CAN/ULC S102**
- **surface-burning characteristics**
- **with Acoustibond® backer**
- **Class A**
- **Firespread: 25 or less**
- **Smoke developed: 50 or less**
- **Acoustibond backer and polybag infill**

**Limitations**

- **Seismic categories A through F**
- **Notes**
  1. 1.5 in. wide x 4 in. high baffle with CD0309 (A250) perforation, Acoustibond backer and poly bag infill.
  2. For perforated then post painted Paraline® baffles use fiberglass in polybag for sound absorption.
  3. All perforations, including CD0305NB (A062), are on vertical sides of baffles only.

**Low Emissions (VOC)**

- **CDPH 01350 v1.2-2017 compliance on select finishes**, see usg.com for more details and documentation.

**Order Samples/Literature**

- USG: usg.com or samplt@usg.com
- CGC: contact sales representative
  - usgdesignstudio.com
  - cgcdesignstudio.com

**Technical Services**

- 800 USG-4YOU (874-4968)

**Manufactured by**

- USG Interiors, LLC
- 650 West Adams Street
- Chicago, IL 60661

**Specialty Ceiling Systems**

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**IC700/rev. 4-23**

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- Printed in USA
FEATURES AND BENEFITS

• USG True® Wood Grilles are FSC® Certified
• Lay-in panel sizes of 2’x2’, 2’x4’ with various configurations
• Modular panel sizes of 1’x8’ with multiple configurations
• Integrated felt backer available
• Design support is available

APPLICATIONS

• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• New Construction or Renovation
• Downward Accessible (Modular)
USG TRUE® WOOD LAY-IN GRILLES

USG True® Wood Lay-in Grilles offer universal installation and design flexibility as they can be installed in multiple orientations. Panels are designed to lay into USG Donn® Brand grid systems, offering both aesthetic appeal and easy access to mechanicals above. In the vertical orientation, often the slats can be used to shield the plenum.

### Vertical Slat Orientation

<table>
<thead>
<tr>
<th>Type</th>
<th>Product Size (nominal)</th>
<th>Width</th>
<th>Length</th>
<th>Slat Width</th>
<th>Slat Height</th>
<th>Slats per Panel</th>
<th>Slat Orientation</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lay-in Grille</td>
<td>24&quot; x 24&quot; x 2&quot;</td>
<td>24&quot;</td>
<td>24&quot;</td>
<td>1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>12</td>
<td>Vertical</td>
<td>1.24 lb./sq. ft.</td>
</tr>
<tr>
<td>Lay-in Grille</td>
<td>24&quot; x 48&quot; x 2&quot;</td>
<td>24&quot;</td>
<td>48&quot;</td>
<td>1/2&quot;</td>
<td>1-1/2&quot;</td>
<td>12</td>
<td>Vertical</td>
<td>1.20 lb./sq. ft.</td>
</tr>
</tbody>
</table>

### Horizontal Slat Orientation

<table>
<thead>
<tr>
<th>Type</th>
<th>Product Size (nominal)</th>
<th>Width</th>
<th>Length</th>
<th>Slat Width</th>
<th>Slat Height</th>
<th>Slats per Panel</th>
<th>Slat Orientation</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lay-in Grille</td>
<td>24&quot; x 24&quot; x 1&quot;</td>
<td>24&quot;</td>
<td>24&quot;</td>
<td>1-1/2&quot;</td>
<td>1/2&quot;</td>
<td>12</td>
<td>Horizontal</td>
<td>1.24 lb./sq. ft.</td>
</tr>
<tr>
<td>Lay-in Grille</td>
<td>24&quot; x 48&quot; x 1&quot;</td>
<td>24&quot;</td>
<td>48&quot;</td>
<td>1-1/2&quot;</td>
<td>1/2&quot;</td>
<td>12</td>
<td>Horizontal</td>
<td>1.20 lb./sq. ft.</td>
</tr>
</tbody>
</table>

### Grid Profile Options

- **A** USG DX®/DXL™ (Intermediate or Heavy Duty, 1-1/2" high)
- **B** USG Centricitee™ DXT™ (Intermediate or Heavy Duty, 1-1/2" high)

Refer to Sales Brochure: IC716
USG True® Wood Modular Grilles offer a simple installation and high aesthetic appeal. Panels can be easily installed on USG Donn® Brand grid systems with either a wood screw or square clip, providing easy access to the plenum. The vertical orientation of the slats shields the plenum from sight. Optional felt backer can be factory-installed.

### Designed for 15/16" Heavy Duty Grid Systems

<table>
<thead>
<tr>
<th>Type</th>
<th>Product Size (nominal)</th>
<th>Width</th>
<th>Length</th>
<th>Slat Height</th>
<th>Slat Width</th>
<th>Slats per Panel</th>
<th>Slat Spacing</th>
<th>Slat Orientation</th>
<th>Mounting</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modular Grille</td>
<td>12&quot; x 96&quot; x 1-7/8&quot;</td>
<td>12&quot;</td>
<td>96&quot;</td>
<td>1-3/8&quot;</td>
<td>5/8&quot;</td>
<td>6</td>
<td>1-3/8&quot;</td>
<td>Vertical</td>
<td>Batten</td>
<td>1.32 lb./sq.ft.</td>
</tr>
<tr>
<td>Modular Grille</td>
<td>12&quot; x 96&quot; x 1-7/8&quot;</td>
<td>12&quot;</td>
<td>96&quot;</td>
<td>1-3/8&quot;</td>
<td>5/8&quot;</td>
<td>8</td>
<td>7/8&quot;</td>
<td>Vertical</td>
<td>Batten</td>
<td>1.70 lb./sq.ft.</td>
</tr>
<tr>
<td>Modular Grille</td>
<td>12&quot; x 96&quot; x 2-3/4&quot;</td>
<td>12&quot;</td>
<td>96&quot;</td>
<td>2-1/4&quot;</td>
<td>5/8&quot;</td>
<td>6</td>
<td>1-3/8&quot;</td>
<td>Vertical</td>
<td>Batten</td>
<td>2.10 lb./sq.ft.</td>
</tr>
<tr>
<td>Modular Grille</td>
<td>12&quot; x 96&quot; x 2-3/4&quot;</td>
<td>12&quot;</td>
<td>96&quot;</td>
<td>2-1/4&quot;</td>
<td>5/8&quot;</td>
<td>8</td>
<td>7/8&quot;</td>
<td>Vertical</td>
<td>Batten</td>
<td>2.63 lb./sq.ft.</td>
</tr>
</tbody>
</table>

### Designed for 15/16" Heavy Duty Grid Systems

<table>
<thead>
<tr>
<th>Type</th>
<th>Product Size (nominal)</th>
<th>Width</th>
<th>Length</th>
<th>Slat Height</th>
<th>Slat Width</th>
<th>Slats per Panel</th>
<th>Slat Spacing</th>
<th>Slat Orientation</th>
<th>Mounting</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modular Grille</td>
<td>12&quot; x 96&quot; x 3-3/4&quot;</td>
<td>12&quot;</td>
<td>96&quot;</td>
<td>3-1/4&quot;</td>
<td>5/8&quot;</td>
<td>6</td>
<td>1-3/8&quot;</td>
<td>Vertical</td>
<td>Batten &amp; Dowel</td>
<td>2.86 lb./sq.ft.</td>
</tr>
<tr>
<td>Modular Grille</td>
<td>12&quot; x 96&quot; x 2-3/4&quot;</td>
<td>12&quot;</td>
<td>96&quot;</td>
<td>2-1/4&quot;</td>
<td>1&quot;</td>
<td>4</td>
<td>2&quot;</td>
<td>Vertical</td>
<td>Batten &amp; Dowel</td>
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<tr>
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<td>96&quot;</td>
<td>3-1/4&quot;</td>
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<td>4</td>
<td>2&quot;</td>
<td>Vertical</td>
<td>Batten &amp; Dowel</td>
<td>3.10 lb./sq.ft.</td>
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<td>12&quot;</td>
<td>96&quot;</td>
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<td>4</td>
<td>2&quot;</td>
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<td>Batten &amp; Dowel</td>
<td>3.90 lb./sq.ft.</td>
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<td>96&quot;</td>
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<td>3</td>
<td>2-3/4&quot;</td>
<td>Vertical</td>
<td>Batten &amp; Dowel</td>
<td>2.86 lb./sq.ft.</td>
</tr>
<tr>
<td>Modular Grille</td>
<td>12&quot; x 96&quot; x 4-3/4&quot;</td>
<td>12&quot;</td>
<td>96&quot;</td>
<td>4-1/4&quot;</td>
<td>1-1/4&quot;</td>
<td>3</td>
<td>2-3/4&quot;</td>
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<td>Batten &amp; Dowel</td>
<td>3.66 lb./sq.ft.</td>
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<td>96&quot;</td>
<td>5-1/4&quot;</td>
<td>1-1/4&quot;</td>
<td>3</td>
<td>2-3/4&quot;</td>
<td>Vertical</td>
<td>Batten &amp; Dowel</td>
<td>4.47 lb./sq.ft.</td>
</tr>
</tbody>
</table>

### GRID PROFILE OPTIONS

- **USG DX®/DXL™ (Heavy Duty, 1-1/2” high)**

### ACOUSTICAL OPTIONS

Refer to Sales Brochure: IC716
USG TRUE® WOOD GRILLES

ACCESSORIES

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Part Number</th>
<th>Unit of Measure</th>
<th>Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batten Modular</td>
<td>Plywood Batten, stained black (11-7/8&quot; Length, 1-1/4&quot; Width)</td>
<td>749620</td>
<td>Carton</td>
<td>50</td>
</tr>
<tr>
<td>Batten (Middle) Lay-in</td>
<td>Plywood Batten, stained black (23-3/4&quot; Length, 1-1/4&quot; Width)</td>
<td>749621</td>
<td>Carton</td>
<td>50</td>
</tr>
<tr>
<td>Batten (End) Lay-in</td>
<td>Plywood Batten, stained black (23-3/4&quot; Length, 3&quot; Width)</td>
<td>749622</td>
<td>Carton</td>
<td>50</td>
</tr>
<tr>
<td>Perimeter Bracket</td>
<td>Secure Wood Trim to Ceiling Assembly</td>
<td>749623</td>
<td>Carton</td>
<td>50</td>
</tr>
<tr>
<td>180° Splice Plate</td>
<td>Splice Lengths of Wood Trim Together</td>
<td>749624</td>
<td>Carton</td>
<td>50</td>
</tr>
<tr>
<td>90° Splice Plate</td>
<td>Splice Corners of Wood Trim Together</td>
<td>749625</td>
<td>Carton</td>
<td>50</td>
</tr>
<tr>
<td>Lay-in Sample</td>
<td>Submittal Sample for Lay-in Grille</td>
<td>600648</td>
<td>Each</td>
<td>1</td>
</tr>
<tr>
<td>Modular Sample</td>
<td>Submittal Sample for Modular Grille</td>
<td>600649</td>
<td>Each</td>
<td>1</td>
</tr>
<tr>
<td>Felt Backer</td>
<td>Polyester Felt Backer, 1 mm thick, 12&quot; width x 300 feet</td>
<td>749626</td>
<td>Roll</td>
<td>1</td>
</tr>
<tr>
<td>Felt Backer</td>
<td>Polyester Felt Backer, 1 mm thick, 24&quot; width x 300 feet</td>
<td>749627</td>
<td>Roll</td>
<td>1</td>
</tr>
<tr>
<td>Dowel</td>
<td>1/2&quot; Diameter x 11-7/8&quot; Long; stained black</td>
<td>749628</td>
<td>Carton</td>
<td>50</td>
</tr>
<tr>
<td>Mounting Clip</td>
<td>Square Clip Used to Secure Battens to Grid</td>
<td>749629</td>
<td>Carton</td>
<td>50</td>
</tr>
<tr>
<td>PFB</td>
<td>Panel Fixing Bracket</td>
<td>746602</td>
<td>Carton</td>
<td>50</td>
</tr>
</tbody>
</table>

PHYSICAL DATA

Product Literature
Data sheet: IC716
Sales brochure: IC716
Finishes sheet: IC559
Warranty: SC2102
Installation Guide: IC716

Online tools
usgdesignstudio.com or cgcdesignstudio.com

Notes
— Building environmental conditions should be maintained in accordance with ASHRAE Standard 62.1.2013.
— Refer to CICSA Wood Ceilings Technical Guidelines for best practices on installed wood ceilings.
— Color Disclaimer: Printed and/or online color swatches are only reproductions of actual standards and will vary in appearance due to differences in monitor and printer output.
— Wood Disclaimer: Wood is a natural grain product with variations in grain, texture and color often ranging from light to dark, thereby affecting the surface look. Product finishes are spray-applied stain or sealer coats.
— These representations should not be used to finalize color selection(s).
— Fire testing results available upon request.
USG Ceilings Plus® Barz® System and Illusions®/Trapezoidal
Biofreeze Performance Center Lock Room, Mission Bay, San Francisco, CA
Architect: Gensler Sports, Photo: ©Jason O'Rear
PODS
FEATURES AND BENEFITS
• Made from 100% recycled materials, including plant-based fibers.
• Available in our Sunflower and Talon profiles.
• Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
• Available in 12mm and 24mm (select colors).
• Mounting options are threaded rod or hanger wire to deck.
• Class A per ASTM E84.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• New Construction or Renovation
**USG Ceilings Plus® COLOREX™ - RADIALZ™**

**ACOUSTIC PANEL SOLUTIONS**

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**Performance Options**

**Design Parameters**

**Physical Data**

---

**Product Literature**
Please contact your local sales representative for the following documents:
- Architectural Specification
- Installation Manual
- Cleaning Instructions
- Warranty: SC2102
- System Guide

**Fire Classification**
Colortex Radialz product line is Class A in accordance with ASTM E84.

**Suspension System**
Colortex Radialz suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

**Seismic Compliance**
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Structural Test Reports**
USG Ceilings Plus has developed Colortex Radialz ceiling systems to meet ASTM E353, ASTM E366 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Integration**
Colortex Radialz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

---

**Low Emissions (VOC)**
CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

---

**Panel Size Guidelines**
- Maximum diameter is 18’ with a max 3’ diameter center opening
- Minimum diameter is 4’ with a min 8” diameter center opening
- Maximum height of fin is 48”
- Minimum height of fin is 2”
- Consult factory for custom panel size possibilities

---

**Integration**
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USG Ceilings Plus® Design Solutions

**COLORTEX™-RADIALZ™**

ACOUSTIC PANEL SOLUTIONS

---

**FEATURES AND BENEFITS**

- Made from 100% recycled materials, including plant-based fibers.
- Uses adjustable quick-connect aircraft cable fittings for easy install.
- Multiple sizes and designs for endless arrangements.
- Provides excellent acoustic performance with NRC* up to 0.85.
- Available in 12mm-thick material.
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc. (independently suspended).

**APPLICATIONS**

- Interior Applications
- Pods, Islands, and Clouds
- New Construction or Renovation

---

**STANDARD COLORTEX™ FINISHES**

- Ocean
- Lake
- Nautical
- Reef
- Prairie
- Pesto
- Summer
- Bengal
- Chili
- Sedona
- Coffee
- Black
- Charcoal
- Ash
- Marble
- Stone
- Iceberg
- Cocoa
- Sand
- Granite
- Cream
- Clay
- Cloud
- Snow

**WOODGRAIN COLORTEX™ FINISHES**

- White Oak
- Pecan Oak
- Brazilian Walnut

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To order samples, contact your local sales representative.

---

To order samples, contact your local sales representative for the following documents:

- Check Sheet
- Installation Guide
- Architectural Specification
- CAD & Revit files
- Cleaning Instructions
- Warranty: SC2102

---

**Fire Classification:**

Colortex Radialz material is Class A in accordance with ASTM E84.

**Suspension System:**

Colortex Radialz suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

**Seismic Compliance:**

USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Structural Test Reports:**

USG Ceilings Plus has developed Colortex Radialz ceiling systems to meet ASTM 635, ASTM 636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Integration:**

Colortex Radialz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.usg.com.

---

**Low Emissions (VOC):**

CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

**DESIGN PARAMETERS**

- **Thickness:** 12mm
- **Perforation:** N/A
- **Accessibility:** Full
- **Downward Fire Rating:** Class A, ASTM E84
- **Item No. NRC:** Application
  - 24 Standard
  - Colors & Wood Grains
- **Finish:** Interior
- **Recycled Content:** Maintenance
- **Grid Options:** N/A Up to 0.80— 60% Post-recycled/40% Pre-recycled content (hardware excluded)

---

**ORDER SAMPLES/LITERATURE**

Contact your local sales rep.

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL

Contact your local sales rep.

TECHNICAL SERVICES

Contact your local sales rep.
USG Ceilings Plus® Design Solutions
COLORECTEX™-RADIALZ™
ACOUSTIC PANEL SOLUTIONS

SUNFLOWER

PERFORMANCE OPTIONS

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Item No.</th>
<th>Thickness</th>
<th>NRC*</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
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</thead>
<tbody>
<tr>
<td>Interior</td>
<td>N/A</td>
<td>24 Standard Colors &amp; 5 Wood Grains</td>
<td>Full Downward</td>
<td>N/A</td>
<td>12mm</td>
<td>Up to 0.80</td>
<td>N/A</td>
<td>Class A, ASTM E84</td>
<td>60% Post-recycled/40% Pre-recycled content (hardware excluded)</td>
<td>See Installation Manual</td>
</tr>
</tbody>
</table>

FULLY INSTALLED SYSTEM

SIZING GUIDELINES

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

Product Literature
Please contact your local sales representative for the following documents:
- Check Sheet
- Installation Guide
- Architectural Specification
- CAD & Revit files
- Cleaning Instructions
- Warranty: SC2102

Fire Classification:
Colortex Radialz material is Class A in accordance with ASTM E84.

Suspension System
Colortex Radialz suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM E635 for all of its ceiling systems (as applicable). Full report is available upon request.

Structural Test Reports
USG Ceiling Plus has developed Colortex Radialz ceiling systems to meet ASTM E635, ASTM E636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Integration
Colortex Radialz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.usg.com.
**DROPPED PANEL SOLUTIONS**

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Item No.</th>
<th>Thickness</th>
<th>NRC</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
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</thead>
<tbody>
<tr>
<td>Interior</td>
<td>N/A</td>
<td>24 Standard Colors &amp; 3 Wood Grains</td>
<td>Full Downward</td>
<td>—</td>
<td>12mm</td>
<td>Up to 0.80</td>
<td>N/A</td>
<td>Class A, ASTM E84</td>
<td>60% Post-recycled/40% Pre-recycled content (hardware excluded)</td>
<td>See Installation Manual</td>
</tr>
</tbody>
</table>

**FULLY INSTALLED SYSTEM**

**SIZING GUIDELINES**

- Ø 76”
- Ø 14”
- Ø 112”
- Ø 20”
- Ø 248”
- Ø 26”

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

**Fire Classification:**

Colortex Radialz material is Class A in accordance with ASTM E84.

**Suspension System**

Colortex Radialz suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

**Seismic Compliance**

USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Structural Test Reports**

USG Ceilings Plus has developed Colortex Radialz ceiling systems to meet ASTM E35, ASTM E68 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Integration**

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USG Ceilings Plus® Design Solutions
COLORETEX™-RADIALZ™
ACOUSTIC PANEL SOLUTIONS

TALON

PERFORMANCE OPTIONS

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Item No.</th>
<th>Thickness</th>
<th>NRC</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>N/A</td>
<td>24 Standard Colors &amp; 5 Wood Grains</td>
<td>Full Downward</td>
<td>—</td>
<td>12mm</td>
<td>Up to 0.80</td>
<td>N/A</td>
<td>Class A, ASTM E84</td>
<td>60% Post-recycled/40% Pre-recycled content (hardware excluded)</td>
<td>See Installation Manual</td>
</tr>
</tbody>
</table>

FULLY INSTALLED SYSTEM

SIZING GUIDELINES

- Ø 76”
- Ø 14”
- Ø 112”
- Ø 20”
- Ø 148”
- Ø 26”

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

Structural Test Reports
USG Ceilings Plus has developed Colortex Radialz ceiling systems to meet ASTM E365, ASTM E356 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Integration
Colortex Radialz can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.usg.com.

PHYSICAL DATA

<table>
<thead>
<tr>
<th>PERFORMANCE OPTIONS</th>
<th>OPTIONS</th>
<th>DESIGN PARAMETERS</th>
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<tbody>
<tr>
<td>Thickness</td>
<td>12mm</td>
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</tr>
<tr>
<td>Perforation</td>
<td>N/A</td>
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</tr>
<tr>
<td>Fire Rating</td>
<td>Class A, ASTM E84</td>
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</tr>
</tbody>
</table>

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

ORDER SAMPLES/LITERATURE
Contact your local sales rep.

TECHNICAL SERVICES
Contact your local sales rep.

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
Contact your local sales rep.

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG LIBRETTO® GRIDLESS METAL SYSTEM

FEATURES AND BENEFITS
- Collaborate with USG to create a custom design tailored to your space.
- Individually fabricated aluminum panels interconnect to form a continuous, uninterrupted plane.
- Carrier system is concealed and custom-fit, with choice of three perimeter profiles to achieve proper scale.
- You can request a contoured pattern that follows the shape of your USG Libretto® ceiling, specify a custom graphic or select a standard pattern for a square or rectangular ceiling.

APPLICATIONS
- Interior Applications
- Pods, Islands, and Clouds
- Curved Ceilings
- New Construction or Renovation
- No Visible Grid
- Backlit Ceilings

PAINTED COLORS
- Flat White 050
- Silver Satin 002
- Matte White 3708

CUSTOM COLORS AVAILABLE

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
### USG LIBRETTO® GRIDLESS METAL SYSTEM

#### PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Materials</th>
<th>Perimeter Profile</th>
<th>Plenum Depth</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panels: Aluminum</td>
<td>4&quot;, 6&quot; or 8&quot; in height.</td>
<td>Minimum 12&quot;, with 8&quot; clearance above top edge of perimeter profile.</td>
<td>Panels available perforated with a</td>
</tr>
<tr>
<td>Carrier system:</td>
<td></td>
<td></td>
<td>contoured pattern that follows the shape of</td>
</tr>
<tr>
<td>Cold-rolled steel</td>
<td></td>
<td></td>
<td>your ceiling, a custom graphic pattern, or</td>
</tr>
<tr>
<td>Edge profile:</td>
<td></td>
<td></td>
<td>a standard pattern for a square or</td>
</tr>
<tr>
<td>Cold-rolled steel</td>
<td></td>
<td></td>
<td>rectangular ceiling. Optional black or</td>
</tr>
</tbody>
</table>

#### DETAILS

**Design Concepts**

- Radial
- Crescent
- Serpentine
- Four-Sided Polygon

#### PHYSICAL DATA

- **Low Emissions (VOC)**
  - CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

- **Product literature**
  - System brochure: IC525
  - Data sheet: IC526
  - Warranty: SC2102
  - Installation Guides: IC425
  - Perforation Guide: IC425
  - Cleaning Instructions: IC528

- **Online tools**
  - usgdesignstudio.com or cgcdesignstudio.com

- **ASTM E84 and CAN/ULC S102**
  - Surface-burning characteristics
  - (with light diffusing backing)
  - Class A
  - Flame Spread: 25 or less
  - Smoke development: 50 or less

- **Limitation**
  - Certain commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceiling Technical Guidelines published by the Ceilings & Interior Systems Construction Association.

- **Recycled content**
  - USG Libretto® aluminum panels: ≤ 25% recycled content;
  - USG Libretto® suspension and trim: 25% recycled content.

- **Notes**
  - 1. For pre-painted Matte White 3708 pricing, please contact your USG Sales Representative.

#### Assembly

- View from above

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For more information, visit usgdesignstudio.com or cgcdesignstudio.com.

Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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IC526/rev. 6-22 © 2022 USG Corporation and/or its affiliates. All rights reserved. Printed in U.S.A.
FEATURES AND BENEFITS
• Ideal for providing both visual accents and acoustical control.
• Exceptional noise reduction in a variety of designs, sizes and colors.
• High light-reflective finish on white products with glare reduction backer paint. (LR .90)
• Easy to install.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• New Construction or Renovation
• Layout is Field Customizable

SUBSTRATE
• Fiberglass
USG HALCYON™ CANOPIES

SIZES AND CONFIGURATIONS

Square, Item: 99140

Square w/ Rounded Corners, Item: 99150

Square w/ Square Corner Cutouts, Item: 99152

Square w/ Rounded Corner Cutouts, Item: 99151

Rectangle, Item: 99136

Rectangle, Item: 99135

Rectangle, Item: 99134

Rectangle, Item: 99131

Circle, Item: 99139

Oval, Item: 99138

Oval, Item: 99137

Octagon, Item: 99157

Hexagon, Item: 99156

Convex, Item: 99159

Triangle, Item: 99153

Right Triangle, Item: 99154

Right Triangle, Item: 99155

Trapezoid, Item: 99160

RSL: Reverse Shadowline Edge

Install with USG Canopy Anchors: HCA522

Notice

The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

Notice

SIZES AND CONFIGURATIONS

Square, Item: 99140

Square w/ Rounded Corners, Item: 99150

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Rectangle, Item: 99136

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Notice
FEATURES AND BENEFITS

• Aluminum panels provide a monolithic appearance.
• Durable and easy to maintain.
• Shipped pre-assembled, ready for easy and fast installation.
• Specially engineered hardware allows for simple suspension.
• Exceptional noise reduction with absorption from both the front and back of the panels.
• High light-reflective finish (LR-0.90) for Matte White, 3708.
• Integral return edge requires no finish trim.
• High light-reflective finish (LR-0.90) for Matte White, 3708.
• Concealed suspension components with no visible hardware.
• Innovative connection options allow for grouped and ungrouped designs.
• Unconstrained by a linked suspension system to allow freedom of assembly and alignment.

APPLICATIONS

• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• New Construction or Renovation
• Layout is Field Customizable
### PRODUCT INFORMATION

#### Materials

<table>
<thead>
<tr>
<th>Finish</th>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>LR</th>
<th>Recycled Content</th>
<th>Acoustical Performance Data</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum panels painted and anodized</td>
<td>1.75 in. 90° vertical return leg with 1/2 in. horizontal return flange</td>
<td>24”x24”, 24”x48”, 24”x60”, 24”x72”, 24”x96”, 30”x30”, 30”x60”, 48”x48”, 48”x60”</td>
<td>Class A ASTM B4</td>
<td>0.90 for Matte White, 3708</td>
<td>up to 95%</td>
<td>See USG Celebration™ Canopies Systems Guide (IC633) for acoustical performance data.</td>
<td>0.63 lb./sq. ft.</td>
</tr>
</tbody>
</table>

Panels available with perforation. Custom perforation sizes and patterns are available upon inquiry. A special acoustical backing is available for all perforated panels. See USG Celebration™ Canopies Systems Guide (IC633) for perforation availability. See Perforation Selection Guide (IC425) for custom perforation availability.

#### Physcial Data

- **Color variations**: Some commercially acceptable color variation may occur between lots and between different size canopies of the same color.
- **Flame spread**: 25 or less
- **Smoke developed**: 50 or less

### Installation

**Product Literature**
- Installation Guide: IC632
- System Guide: IC633
- Data Sheet: IC631
- Warranty: SC2102
- Perforations: IC425
- Cleaning Instructions: IC518

**Installation**
Instal according to ASTM C636, ASTM E860, CISC and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction. USG recommends checking with the authority having jurisdiction prior to designing and installing a suspended ceiling system.

ASTM E84 and CAN/ULC S102 surface-burning characteristics (with Acoustibond™ backer)

**Class A**
- Flame spread: 25 or less
- Smoke developed: 50 or less

**Notes**
- For Canadian product needs, please contact your local sales representative.
- Matte White 3708 is not available in 48” x 48” or 48” x 60” panels.

### Notice

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### High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
FEATURES AND BENEFITS

- Preformed curved panels.
- Available in a variety of decors that feature embedded fabrics and other materials as well as solid colors from the color gallery.
- Whimsical elegance for retail, office, healthcare or hospitality environments.
- Three easy-to-use elements: wave, vault or valley.
- Individual suspension or connected groupings for ribbons or larger spaces.
- Four simple connection/suspension points for fast, trouble-free installation.

APPLICATIONS

- Interior Applications
- Pods, Islands, and Clouds
- Sloped Ceilings
- Curved Ceilings
- New Construction or Renovation
- Backlit Ceilings
## PRODUCT INFORMATION

### Acoustics

USG Translucents™ Canopies do not offer any acoustical properties.

### Elements

USG Translucents™ Canopies Panels can be suspended under lighting normally located in a suspended ceiling or can be lit from above with point-source lighting.

### Perspective

- **Vault**: Mounting at Structure
- **Valley**: Escutcheon for Suspended Ceiling Panel
- **Wave**: Panel Joiner
- **Cable Panel Attachment**: Product literature data sheet IC596 installation guide IC564 online tools usgdesignstudio.com or cgcdesignstudio.com

### PHYSICAL DATA

<table>
<thead>
<tr>
<th>Shape</th>
<th>Typical Sizes</th>
<th>System Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Nominal</td>
<td>Actual (in plan)</td>
</tr>
<tr>
<td>Wave</td>
<td>2’x6’</td>
<td>23-3/8”x65-3/8”</td>
</tr>
<tr>
<td>Vault</td>
<td>2’x6’</td>
<td>23-3/8”x68-1/2”</td>
</tr>
<tr>
<td>Valley</td>
<td>2’x6’</td>
<td>23-3/8”x68-1/2”</td>
</tr>
</tbody>
</table>

This product does not offer any acoustical properties.

### Notice

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### Limitation

This product is produced to order and will vary from batch-to-batch — panels ordered at the same time will be produced together and will be identical. USG cannot guarantee batch-to-batch consistency.

### Fire rating

- **USG Translucents™ Canopies** meet the Class A acceptance criteria of 2021 IBC Section 803.1.1.1 for exterior finishes as tested in accordance with NFPA 286.
- USG Translucents™ Canopies meet the Class B requirements for flame spread and smoke developed as tested in accordance with CAN/ULC S102 surface-burning characteristics.

### Seismic applications

For installations on projects designated seismic design category C-F, suspension wires that are a minimum of No. 12 gauge galvanized, soft- annealed, mild steel wire shall be used. Please refer to SC2494 for more information about the seismic guidelines for specialty and decorative ceilings. Because codes continue to evolve, check with a local official prior to designing and installing a ceiling system. Other restrictions and exemptions may apply.

### Note:

Rain (Acrylic) is class C.
FEATURES AND BENEFITS

• Decorative clouds offered in several attractive shapes and configurations.
• Precut components expertly packaged and shipped in one convenient box.
• Custom look without the difficult coordination of custom applications.
• Premier USG Compasso™ Elite extruded perimeter trim.
• Fit-and-finish trim aesthetics appear seamless with minimal trim intersections and no corner trim intersections.
• Installation eliminates the need for wires at the perimeter, for improved aesthetic and minimal hanger wires.
• Simplifies specifying and ordering.

Note: Panels are selected and shipped separately.

APPLICATIONS

• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• Pre-defined Radii and Lengths
• Quick Ship Options
• New Construction or Renovation

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS

Flat White 050
## 15/16" TEE SYSTEM

<table>
<thead>
<tr>
<th>Tees</th>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item Number</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Tee</td>
<td>Heavy Duty</td>
<td>Custom per kit</td>
<td>1-1/2&quot;</td>
<td>DX26</td>
<td>Flat White</td>
</tr>
<tr>
<td>Cross Tee</td>
<td>—</td>
<td>4'</td>
<td>1-1/2&quot;</td>
<td>DX424</td>
<td>Flat White</td>
</tr>
<tr>
<td></td>
<td>—</td>
<td>2'</td>
<td>1-1/2&quot;</td>
<td>DX224</td>
<td>Flat White</td>
</tr>
</tbody>
</table>

### PANEL OPTIONS

**Square Edge**

**Shadowline**

**Shadowline Tapered**

**Shadowline Beveled**

### ACCENT LIGHTING OPTION

**AL Clip**

**AL Flexible Track**

**AL Lighting**

Available from GE. GE LED Accent-Gen 2

Note: Panels are selected and shipped separately.

### SQUARES/RECTANGLES

#### Layouts

<table>
<thead>
<tr>
<th>Squares/Rectangles</th>
<th>Trim</th>
<th>Rounded Squares/Rectangles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Layout</td>
<td>Trim</td>
<td></td>
</tr>
<tr>
<td>6' x 6'</td>
<td>4&quot;, 6&quot;, 8&quot;</td>
<td>6' x 6'</td>
</tr>
<tr>
<td>6' x 8'</td>
<td>4&quot;, 6&quot;, 8&quot;</td>
<td>6' x 8'</td>
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<tr>
<td>6' x 10'</td>
<td>4&quot;, 6&quot;, 8&quot;</td>
<td>6' x 10'</td>
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<tr>
<td>6' x 12'</td>
<td>4&quot;, 6&quot;, 8&quot;</td>
<td>6' x 12'</td>
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<tr>
<td>6' x 14'</td>
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<td>6' x 14'</td>
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<td>8' x 8'</td>
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<td>8' x 8'</td>
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<tr>
<td>8' x 10'</td>
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</tr>
<tr>
<td>8' x 14'</td>
<td>4&quot;, 6&quot;, 8&quot;</td>
<td>8' x 14'</td>
</tr>
<tr>
<td>10' x 10'</td>
<td>4&quot;, 6&quot;, 8&quot;</td>
<td>10' x 10'</td>
</tr>
<tr>
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<td>4&quot;, 6&quot;, 8&quot;</td>
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</tr>
<tr>
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<td>4&quot;, 6&quot;, 8&quot;</td>
<td>10' x 14'</td>
</tr>
<tr>
<td>12' x 12'</td>
<td>4&quot;, 6&quot;, 8&quot;</td>
<td>12' x 12'</td>
</tr>
<tr>
<td>12' x 14'</td>
<td>4&quot;, 6&quot;, 8&quot;</td>
<td>12' x 14'</td>
</tr>
</tbody>
</table>

#### Edge Trim Options

<table>
<thead>
<tr>
<th>Edge Trim Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
</tr>
<tr>
<td>6&quot;</td>
</tr>
<tr>
<td>8&quot;</td>
</tr>
</tbody>
</table>

### ACCESSORIES

- **Tee Brace**
- **Splice Plate**
- **Attachment Clip**

### FOR MORE INFORMATION

- **Product literature**
  - System guide: IS267
  - Installation guide: IS266
  - Data Sheet: IS262
  - Warranty: SGCC10
  - Compass Elits Trim Care and Maintenance Instructions: IC518
  - Installation guide: IC464
  - Trim Systems Design Guide
- **Online tools**
  - usgdesignstudio.com or cgcdesignstudio.com

### Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices, within all applicable code requirements. Alternative assemblies and installation methods may be utilized when approved by the authority having jurisdiction. USG recommends checking with the authority having jurisdiction prior to designing and installing a suspended ceiling system.

### ICC Evaluation Service, LLC Report Compliance

For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

LA Research Report - RR 25764

Refer to usg.com for most current version.

### Notice

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.
USG Ceilings Plus® Illusions®, Finish Blanco Mat®, Standard White, and Custom Gloss White
Hyatt Regency Seattle, WA
Architect: LMN Architecture. Photo: ©Tim Griffith Photography
USG Ceilings Plus® ILLUSIONS®
FORMED METAL PANEL SYSTEM

FEATURES AND BENEFITS
• Fully accessible system allowing access at every panel location.
• Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
• Acoustical performance utilizing perforations and sound absorbing materials including Acoustibond and Ultrasorb.
• Standard and customizable perforations are available to create visual patterns and acoustic performance.
• Design flexibility with panel sizes and layout options.
• Varied mounting arrangements are available to respond to any installation requirements or conditions.
• Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLICATIONS
• Interior and Exterior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• Curved Ceilings
• New Construction
• Downward Accessible
• Concealed Grid

To order samples, contact your local sales representative

SARANTE® - PVC FREE LAMINATE - ON METAL

ARBOREAL® - REAL WOOD VENEER - INTERIOR ONLY - ON METAL

ANODIZED - ON METAL

PAINTED - ON METAL
Product Literature Please contact your local sales representative for the following documents:
- Architectural Specifi cation
- Installation Manual: IC5488
- Cleaning Instructions: IC518
- Warranty: SC2102
- System Guide

Footnotes
*Arboreal is for interior only.
**Select Sarante fi nishes available for Interior and Exterior.

Fire Classification
ASTM E84 and CAN/ULC S102 Surface burning characteristics
Class A
Flame Spread: 25 or less
Smoke development: 50 or less

Suspension System
Illusions suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

Structural Test Reports
USG Ceiling Plus has developed illusions ceiling systems to meet ASTM E65, ASTM E636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Integration
Illusions can accommodate a full range of Third-Party systems for any design intent. Air diff users, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

Modification
Panels are easily modifi ed in the fi eld with standard tools. See our full list of CAD details.

Acoustics
Utilizing perforations and sound-absorbing materials, we can meet your NRC requirement with Acoustibond and/or Ultrasorb. Fiberglass batts and duct liner are available upon request.

Footnotes
* Available in exterior
** Available in 48” wide
*** Available in both exterior and 48” wide

Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specifi cation and installation.
FEATURES AND BENEFITS

• Available for all USG Ceilings Plus® products, for both interior and exterior applications.
• Project-specific solutions, optimized to express your design intent.
• Parametric workflow offers multiple options and responsive adjustments for designs.
• Direct support from our in-house design professionals.
• Design visualizations provided during development to inform decision making and enhance client presentations.
• Custom integration strategies for lighting, audio/visual, and MEP.
• Available at all stages of design, from ideation through finalization.
• To learn more, contact your local sales representative.
WHAT WE DO

CUSTOM PERFORATION
• Unique, responsive design tailored to your project from our library of hundreds of shapes.
• Existing images can be sampled and optimized to maximize effect.
• Achieve open percentages goals for lighting or noise reduction.
• Can be used to integrate speakers, lights, MEP, and other systems into overall system design.
• Scale drawings of design concepts provided for feedback and refinement.

PANELIZATION AND OPTIMIZATION
• Provides valuable insight into scale, constructability, and impact on design.
• Enables designers to reduce material waste and increase efficiency.
• Gain control of factors such as plane transitions, panel joints, and grain direction to support your design concept.
• Scale drawings of design concepts provided for feedback and refinement.
**FEATURES AND BENEFITS**
- Fully accessible system allowing access at every panel location.
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
- Acoustical performance utilizing perforations and sound absorbing materials including Acoustibond™ and Ultrasorb.
- Standard and customizable perforations are available to create visual patterns as well as helping with acoustical performance.
- Design flexibility with panel sizes and layout options.
- Varied mounting arrangements are available to respond to any installation requirements or conditions.
- Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

**APPLICATIONS**
- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Sloped Ceilings
- New Construction
- Downward Accessible
- Concealed Grid

---

**SARANTE® - FAUX WOOD VENEER ON METAL**

- Oak Line
- Blond Pear
- Dark Jatoba
- Full Sarante Offering Available as a Premium

**PAINTED - ON METAL**

- Silver Satin
- Bianco Matte

**PERFORATIONS**

- Code 06310 (SD-7) 1/16” HOLES @ .248” HORIZ. OC 10% OPEN
- Code 8639 (SD-20) 1/16” HOLES @ .375” HORIZ. OC 27% OPEN
- Code 7530 (GT-66) 1/8” HOLES @ .750” HORIZ. OC 39% OPEN
- Code 18839 (LT-26) 3/8” HOLES @ .750” HORIZ. OC 39% OPEN
- Code 06327 (LT-40) 1/16” x 1.000” Rectangle @ .375” HORIZ. OC 27% OPEN
- Code 06346 (GT-26) 1/16” SQUARE @ .500” HORIZ. OC 14% OPEN

**ACoustics**

- Ultrasorb - 1” x 3lb. (NRC 0.90 - 1.00)
- Ultrasorb - 1.5” x 3lb. (NRC 0.90 to 0.95)
- Acoustibond Natural (NRC 0.70 - 0.75)
- Acoustibond Black (NRC 0.70 - 0.75)

To order samples, contact your local sales representative.

Architect: Gensler
Photo: © Vladimir Paperny
**USG Ceilings Plus® Design Solutions-ILLUSIONS® FORMED METAL MODULAR CEILING PANELS**

**PERFORMANCE OPTIONS**

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Item No.</th>
<th>Acoustics</th>
<th>NRC</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Torsion Spring Tee Grid</td>
<td>Painted, Sarante</td>
<td>Full</td>
<td>—</td>
<td>Acoustibond, Ultrasorb</td>
<td>0.70 - 1.00 (Requires Perforations and acoustic backfill)</td>
<td>Standard/ Custom</td>
<td>Class A ASTM E84 and CAN/ULC S102</td>
<td>Up to 90% finish dependent</td>
<td>See architectural specification</td>
</tr>
</tbody>
</table>

**STANDARD SIZES**

- **24" X 24"**
- **24" X 48"**
- **24" X 96"**
- **30" X 30"**
- **30" X 60"**

**PARTS & ACCESSORIES**

- **USG Logix™**
- **Universal Yoke**
- **Cross Tee**
- **Main Tee**
- **CL Clip**
- **Torsion Spring Bracket**
- **Torsion Spring**

**Low Emissions (VOC)**

 Declare® Labels on select finishes, see usg.com for more details and documentation.

**Acoustics**

- **Acoustibond**
- **Ultrasorb**

**Perforation**

- Standard/ Custom

**Fire Rating**

- Class A ASTM E84 and CAN/ULC S102

**Recycled Content**

- Up to 90%

**Maintenance**

- See architectural specification

**Low Emissions (VOC)**

EPD 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**Additional documents and resources:**

- Architectural Specification
- Installation Manual: IC5488
- Cleaning Instructions: IC5489
- Check Sheet (Order Form): IC5489
- Warranty: SC2102

**Notice**

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**Manufactured by USG Interiors, LLC**

550 West Adams Street
Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
FEATURES AND BENEFITS
- Made from 100% recycled materials, including plant-based fibers.
- Fully accessible plenum at every panel location.
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
- Design flexibility with varying profiles and layout options.
- Available 12mm and 24 mm (select colors) material thickness.
- Varied mounting arrangements are available to respond to any installation requirements or conditions.
- Tested and performed Class A per ASTM E84 product.
- Available for wall application.

APPLICATIONS
- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Wall Applications
- Sloped Ceilings
- New Construction
- Downward Accessible
- Concealed Grid

STANDARD COLORTEX™ FINISHES
- Ocean
- Lake
- Nautical
- Reef
- Prana™
- Pesto
- Summer
- Bengal
- Chili
- Sedona
- Coffee
- Black
- Charcoal™
- Ash™
- Marble
- Stone
- Iceberg
- Cocoa™
- Sand
- Granite
- Cream
- Clay
- Cloud
- Snow™

WOODGRAIN COLORTEX™ FINISHES
- White Oak
- Pecan Oak
- Brazilian Walnut

To order samples, contact your local sales representative.
**Performance Options**

<table>
<thead>
<tr>
<th>Application</th>
<th>Grid Options</th>
<th>Finish</th>
<th>Accessibility</th>
<th>Item No.</th>
<th>Thickness</th>
<th>NRC</th>
<th>Perforation</th>
<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Torsion Spring Tee Grid, Direct Mount</td>
<td>24 Standard Colors &amp; 3 Wood Grains, Custom Colors Available</td>
<td>Full Downward</td>
<td>---</td>
<td>1/2” Thick &amp; 1” Thick*</td>
<td>---</td>
<td>Class A, ASTM E84</td>
<td>60% Post-recycled/40% Pre-recycled content (hardware excluded)</td>
<td>See architectural specification</td>
<td></td>
</tr>
</tbody>
</table>

**Panel Size Guidelines**
- Maximum edge length is 50” with max depth of 12”
- Minimum edge length is 8” with min depth of 2”
- Consult factory for custom panel size possibilities

**Note:** Also available in “Colortex Illusions” flat panels.

**Low Emissions (VOC)**
CDPH 01350 v1.2-2017 compliant, see usg.com for more details and documentation.

**Product Information**
Please contact your local sales representative for the following documents:
- Architectural Specification
- Installation Manual
- Cleaning Instructions
- Warranty: SC2102
- System Guide

**Fire Classification**
Colortex Illusions product line is Class A in accordance with ASTM E84.

**Suspension System**
Colortex Illusions suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

**Seismic Compliance**
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM 635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Structural Test Reports**
USG Ceiling Plus has developed Colortex Illusions ceiling systems to meet ASTM E63, ASTM E36 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Integration**
Colortex Illusions can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

**Modification**
Panels are easily modified in the field with standard tools. See our full list of CAD details.

**Physical Data**

- **Thickness**
  - 1/2” Thick & 1” Thick*

- **Perforation**
  - ---

- **Accessibility**
  - Full Downward
  - 12° Downward Accessible
  - 60° Downward Accessible

- **Item No.**
  - 24 Standard Colors & 3 Wood Grains, Custom Colors Available

- **NRC**
  - 0.45 - 0.90 (Material)

- **Perforation**
  - ---

- **Fire Rating**
  - Class A, ASTM E84

- **Recycled Content**
  - 60% Post-recycled/40% Pre-recycled content (hardware excluded)

- **Maintenance**
  - See architectural specification

**Notice**
The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

Manufactured by USG Interiors, LLC
510 West Adams Street
Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG Ceilings Plus® Design Solutions

COLOREX™ - TRIMETRIX™

ACOUSTIC PANEL SOLUTIONS

FEATURES AND BENEFITS
- Made using 100% recycled fibers with 50%+ of post consumer content
- Fully accessible plenum at every panel location.
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
- Design flexibility with varying profiles and layout options.
- Available in 1/2” (12mm) thick panels.
- Varied mounting arrangements are available to respond to any installation requirements or conditions.

APPLICATIONS
- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Tenant Improvement
- Sloped Ceilings
- New Construction
- Downward Accessible

To order samples, contact your local sales representative.
USG CELEBRATION™ SNAP-IN METAL PANELS

FEATURES AND BENEFITS

• Aluminum panels provide a monolithic appearance.
• Easy installation into standard USG Donn® Brand Fineline® DXF™ Acoustical Suspension System.
• Aluminum panels are positively attached to the suspension system through engineered connection.
• Downward panel access is excellent for shallow plenum areas.
• Wall-mount solution available.
• Wind load tested and approved, including Miami-Dade NOA, for exterior applications with proper bracing and framing.

APPLICATIONS

• Interior and Exterior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• New Construction or Renovation
• Downward Accessible Ceilings
• Concealed Grid

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS

- Flat White 050
- Silver Satin 002
- Metallic Copper 1690
- Metallic Gold 1691
- Metallic Oyster 1652
- Metallic White 3108
- Aged Copper 1017
- Etched Ice Dark 1216
- Etched Ice Light 1218

PREMIUM METALS

- Silver Satin 002
- Metallic Copper 1690
- Metallic Gold 1691
- Metallic Oyster 1652
- Metallic White 3108
- Aged Copper 1017
- Etched Ice Dark 1216
- Etched Ice Light 1218

WOOD TONES - TEXTURED

- Beech 3810
- Dark Bamboo 3818
- Light Bamboo 3809
- Dark Cherry 3811
- Light Cherry 3812
- Maple 3813
- Red Oak 3816
- Walnut 3815

ANODIZED METALS

- Brushed Aluminum 3112
- Polished Chrome 3961
- Polished Brass 3921
- Satin Chrome 39614

CUSTOM COLORS AVAILABLE

*Grid and trim available in painted coordinating colors.
## USG CELEBRATION™ SNAP-IN METAL PANELS

### PRODUCT INFORMATION

**Materials**
- Aluminum panels

**Finishes**
- Painted, powder coated or anodized in a variety of optional perforation and embossing patterns.

**Typical Module Sizes**
- 1’x4’, 1’x5’, 2’x2’, 2’x4’, 2’x6’, 2’x8’, 4’x4’, 20’x60’, 30’x30’, 30’x60”

**Plenum Depth**
- Since panels are installed from below, the clearance for installation and removal of panels is minimal. Additional plenum clearance of up to 9” may be required for air boot and lighting installations, depending on the unit selected.

**Weight**
- Approximately 0.53 lb./sq. ft., not including lights and air diffusers.

### GRID LAYOUT

The modular nature of USG Celebration™ Snap-In panels must be considered when an assembly is designed. The main tees and cross tees must be installed exactly on module lines. USG Celebration Snap-In panels cannot be installed across main tee and a 4 ft. cross tee. Panels may be field-cut at walls and columns or terminated at a grid module for island installations. Larger panels will require cross tees at their midspan. Please refer to IC592 for more information.

### ACoustics^7

<table>
<thead>
<tr>
<th>Description</th>
<th>Optional Acoustical Material</th>
<th>Sound Rating – NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated Panel</td>
<td>Acoustibond™ backer</td>
<td>0.60</td>
</tr>
<tr>
<td>Perforated Panel 2”, 0.75 lb. fiberglass in polybag (by others)</td>
<td>0.85</td>
<td></td>
</tr>
<tr>
<td>Perforated Panel 2”, 0.75 lb. fiberglass in polybag (by others)</td>
<td>0.90</td>
<td></td>
</tr>
</tbody>
</table>

### CODE APPROVAL

USG Celebration™ Snap-In panels provide a continuous interlock with the suspension system through positive attachment. Supporting grid is capable of sustaining loads greater than those imposed by the USG Celebration system when installed in accordance with manufacturer’s instructions. The system meets requirements of ASTM C655 and tested per AC368. See PER-14077 and PER-1025S.

### PERSPECTIVE

**Low Emissions (VOC)**
- CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**High Recycled Content**
- USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**Limitation**
- Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction Association.

**Notes**
1. Additional sizes available on request.
2. - If panel length is ≥ 60 inches then one stabilizer bar or cross tee is required at midpoint.
   - If panel length is ≥ 96 inches then two stabilizer bars or cross tees are required at the 1/3 and 2/3 points.
   - Cross tees ≥ 96 inches used in large modules shall have hanger wires installed minimum 4 ft. o.c.
3. Refer to IC425 for additional NRC information based on perforation pattern.
4. Celebration Snap-In panels available in Metals to up to 2’ wide and up to 6’ long.
5. Matte White 3708 is not available in 4’x4’ panel.

### PHYSICAL DATA

- **Perimeter Detail**
  - USG Celebration™ panel removal tool
  - USG Celebration™ panels snap in place

- **Edge Detail**
  - cut Celebration™ Snap-In panel
  - U2-3/32 U-molding

### DETAILS AND ACCESSORIES

- **Search for More Information**
  - usg.com or samplit@usg.com

### TECHNICAL INFORMATION

- Product literature
  - System brochure: IC415
  - Data sheet: IC308
  - Perforations selection guide: IC425
  - Installation Guide: IC462
  - Exterior ceiling systems guide: SC2561
  - Warranty: SC352
  - Wall Mount: IC605
  - Clearing Instructions: IC398
  - Online tools
    - usgdesignstudio.com or cgcdesignstudio.com

### TECHNICAL SERVICES

- ORDER SAMPLES/LITERATURE
  - USG: usg.com or samplit@usg.com
  - CGC: contact Sales Representative

- FOR MOST UP-TO-DATE
  - TECHNICAL INFORMATION
  - AND LEED REPORT TOOL
  - usgdesignstudio.com
  - cgcdesignstudio.com

### MANUFACTURED BY

USG Corporation, LLC
550 West Adams Street
Chicago, IL 60661

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FEATURES AND BENEFITS
• Aluminum panels provide a monolithic appearance.
• Full 90-degree swing-down motion provides easy downward access to plenum areas.
• Spring clip design provides superior panel alignment.
• No reveal.
• Wind load tested and approved, including Miami-Dade NOA, for exterior applications with proper bracing and framing.

APPLICATIONS
• Interior and Exterior Applications
• Pods, Islands, and Clouds
• Wall to Wall ceilings
• Low Sloped Ceilings
• New Construction
• Downward Accessible
• Concealed Grid

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS
- Flat White 505
- Silver Satin 002
- Metallic Copper 1690
- Metallic Gold 1691
- Metallic Oyster 602
- Matte White 3708

WOOD TONES* - TEXTURED
- Beech 3810
- Dark Bamboo 3808
- Light Bamboo 3809
- Dark Cherry 3811
- Light Cherry 3812
- Maple 3813
- Red Oak 3814
- Walnut 3815

ANODIZED METALS
- Brushed Aluminum PIA 12
- Polished Chrome PM61
- Polished Brass PM21
- Satin Chrome PM614

CUSTOM COLORS AVAILABLE
*Trim available in painted coordinating colors.

Lowell Justice Center in Lowell, MA
Architect: Finegold Alexander Architects
Photo: ©Anton Grassi

USG CELEBRATION™ TORSION SPRING SYSTEM
USG CELEBRATION TORSION SPRING SYSTEM

**PRODUCT INFORMATION**

<table>
<thead>
<tr>
<th>Materials</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum panels, painted</td>
<td>Panels available with perforation. Custom perforation sizes and patterns are available upon inquiry. A special acoustical backing is available for all perforated panels.</td>
</tr>
<tr>
<td>Anodized</td>
<td></td>
</tr>
</tbody>
</table>

Any uncut USG Celebration™ Torsion Spring panel has downward accessibility and can be lowered and disengaged lengthwise for access to the space above while the engaged side continues to hold the panel in place to the grid system at a 90° angle. A special panel removal hand tool (part number 209216) available through USG is also recommended for use when lowering panels.

**Suspension Systems**

<table>
<thead>
<tr>
<th>Component</th>
<th>ASTM Class</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Tees</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Main Tee¹</td>
<td>Intermediate Duty</td>
<td>12&quot; (3600 mm)</td>
<td>USG: 1.64&quot; (42 mm)</td>
</tr>
<tr>
<td>15/16&quot; Main Tee¹</td>
<td>Heavy Duty</td>
<td>12&quot; (3600 mm)</td>
<td>USG: 1.64&quot; (42 mm)</td>
</tr>
<tr>
<td>Cross Tees</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15/16&quot; Cross Tee¹</td>
<td>—</td>
<td>2&quot; (600 mm)</td>
<td>1-1/2&quot; (38 mm)</td>
</tr>
<tr>
<td>15/16&quot; Cross Tee¹</td>
<td>—</td>
<td>4&quot; (1200 mm)</td>
<td>1-1/2&quot; (38 mm)</td>
</tr>
<tr>
<td>15/16&quot; Cross Tee¹</td>
<td>—</td>
<td>6&quot; (1800 mm)</td>
<td>1-1/2&quot; (38 mm)</td>
</tr>
<tr>
<td>Wall Moldings</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7/8&quot; Wall Angle¹</td>
<td>—</td>
<td>12&quot; (3600 mm)</td>
<td>1' (25 mm)</td>
</tr>
<tr>
<td>2&quot; Wall Angle¹</td>
<td>—</td>
<td>10&quot; (3000 mm)</td>
<td>2-1/2&quot; (64 mm)</td>
</tr>
<tr>
<td>2-1/2&quot; F-Molding¹</td>
<td>—</td>
<td>10&quot; (3000 mm)</td>
<td>2-1/2&quot; (64 mm)</td>
</tr>
<tr>
<td>Molding Accessories</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Panel Hold-Down Clip¹</td>
<td>—</td>
<td>10&quot; (254 mm)</td>
<td>1-9/16&quot; (40 mm)</td>
</tr>
</tbody>
</table>

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**High Recycled Content**

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**Acoustics**

The NRC rating of 0.60 is for standard CD06305NB (A062) perforation pattern with Acoustibond™ backer.

**Code approval**

See FEB-10005.

ASTM E84 and CAN/ULC S102 surface-burning characteristics (with Acoustibond™ backer): Class A

**Limitation**

Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction.

**Notes**

2. For seismic applications. The main-tee and cross-tee connections meet IBC requirements for tension and compression strength.
3. Produced from aluminum.
4. When hold-down clips are required at the perimeter, the CTS15AL F-Mold can accommodate the USG T-15 Hold-Down Clip. Refer to IC638 for details.
5. Other sizes available, contact your sales representative.
6. Celebration Torsion Spring panels available in Metallics up to 90% recycled content: up to 90% recycled content.
7. Matte White 3708 is not available in 4' x 4' panel.

**Order samples/literature**

USG: usg.com or samplt.usg.com
CGC: contact Sales Representative

**Technical services**

800 USG 4YOU (874-4968)

**For most up-to-date technical information and LEED report tool**

usgdesignstudio.com or cgcdesignstudio.com

**FOR MORE INFORMATION**

Product literature
Data sheet: IC622
System guide: IC638
Perforations selection guide: IC425
Warranty: SC2302Exterior Ceiling systems Guide: SC2561
Cleaning Instructions: IC598

Online tools
usgdesignstudio.com or cgcdesignstudio.com

**Acoustics**

The NRC rating of 0.60 is for standard CD06305NB (A062) perforation pattern with Acoustibond™ backer.

**Code approval**

See FEB-10005.

ASTM E84 and CAN/ULC S102 surface-burning characteristics (with Acoustibond™ backer):

Class A

Flames spread: 25 or less
Smoke developed: 50 or less

ASTM E84 surface-burning characteristics (with light diffusing backer):

Class A

Flames spread: 25 or less
Smoke developed: 50 or less

**Limitation**

Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction.

**Notes**

2. For seismic applications. The main-tee and cross-tee connections meet IBC requirements for tension and compression strength.
3. Produced from aluminum.
4. When hold-down clips are required at the perimeter, the CTS15AL F-Mold can accommodate the USG T-15 Hold-Down Clip. Refer to IC638 for details.
5. Other sizes available, contact your sales representative.
6. Celebration Torsion Spring panels available in Metallics up to 90% recycled content.
7. Matte White 3708 is not available in 4' x 4' panel.
USG GEOMETRIX® 3-DIMENSIONAL METAL PANELS

FEATURES AND BENEFITS
• Multiple profiles and depths lend new dimension to ceiling design.
• Panel depths of 1”, 2” and 3” allow a spectrum of possibilities, from subtle textures to bold rhythms.
• 2’x2’ lay-in panels are compatible with 9/16” and 15/16” USG Donn® Brand suspension systems.
• Solid or perforated panels.
• Available in Flat White, Silver Satin and custom colors for design versatility.

APPLICATIONS
• All commercial applications
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Patterned Aesthetics
• New Construction or Renovation

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS
Flat White 050
Silver Satin 002
Metallic Copper 1690
Metallic Gold 1691
Metallic Oyster 1652

CUSTOM COLORS AVAILABLE
USG GEOMETRIX® 3-DIMENSIONAL METAL PANELS

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Materials</th>
<th>Size and Weight</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panels: Aluminum</td>
<td>Panels 2’x2’</td>
<td>Panels are available in smooth metal or perforated. A black Acoustibond™ backer is included on all perforated panels unless otherwise specified. Acoustibond backer is also available in white.</td>
</tr>
<tr>
<td>Description</td>
<td>Optional Acoustical Material</td>
<td>Sound Rating - NRC</td>
</tr>
<tr>
<td>Perforated CD06305 (A062A)</td>
<td>Acoustibond™ backer</td>
<td>0.60</td>
</tr>
<tr>
<td>Perforated CD06305 (A062A)</td>
<td>2” 0.75 lb. fiberglass in polybag</td>
<td>0.85</td>
</tr>
</tbody>
</table>

ACOUSTICS®

PANELS

Configurations

<table>
<thead>
<tr>
<th>Depths</th>
<th>Flat1,2</th>
<th>Wedge3</th>
<th>Outside Wedge Corner</th>
<th>Inside Wedge Corner</th>
</tr>
</thead>
<tbody>
<tr>
<td>1”</td>
<td>1”</td>
<td>1”</td>
<td>1”</td>
<td>1”</td>
</tr>
<tr>
<td>2”</td>
<td>2”</td>
<td>2”</td>
<td>2”</td>
<td>2”</td>
</tr>
<tr>
<td>3”</td>
<td>3”</td>
<td>3”</td>
<td>3”</td>
<td>3”</td>
</tr>
</tbody>
</table>

EDGE DETAILS

USG Geometrix® Panels with 15/16” USG DX® Suspension

USG Geometrix® Panels with 9/16” USG Centricitee® DXT™ Suspension

USG Geometrix® Panels with 9/16” USG Fineline® DXF™ Suspension

USG Geometrix® Panels with 9/16” USG Fineline® 1/8 DXFF™ Suspension

ASSEMBLY

Hang wire

USG Geometrix® wedge panel

USG Donn® suspension system

USG Compasso® trim (optional)

Low Emissions (VOC)

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

PHYSICAL DATA

Product literature
- System brochure: IC437
- Data sheet: IC424
- Warranty: SC2102
- Installation Guides: ICS18
- Perforation Guide: IC425
- Cleaning Instructions: IC518

Online tools
- usgdesignstudio.com or cgcdesignstudio.com

ASTM E84 and CAN/ULC S102 surface-burning characteristics (with Acoustibond™ backer)
- Class A: Flame spread: 25 or less
- Smoke developed: 50 or less

Limitation

Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction Association.

Recycled content

USG Geometrix® aluminum panels: ≤ 90% recycled content.

Notes
1. Available pre-engineered utility circles accommodate lighting and utilities.
2. Also available with 5/16” depth.
3. Refer to IC425 for additional NRC information based on perforation pattern.

Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

 Manufactured by USG Interiors, LLC
 550 West Adams Street
  Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL usgdesignstudio.com cgcdesignstudio.com
USG PANZ® METAL PANELS

FEATURES AND BENEFITS
- Simple lay-in design provides 100% access.
- Acoustibond™ sound backer produces 0.60 NRC without additional acoustical material.
- Available in numerous perforation patterns.
- Available with same edge details as USG acoustical panels.

APPLICATIONS
- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall
- Sloped Ceilings
- New Construction or Renovation

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS*
- Flat White 050
- Silver Satin 202
- Metallic Copper 3696
- Metallic Gold 3697
- Metallic Oyster 3708
- Aged Copper 1017
- Etched Ice Dark 1016
- Etched Ice Light 1015

WOOD TONES* - TEXTURED
- Beech 3810
- Dark Bamboo 3808
- Light Bamboo 3809
- Dark Cherry 3811
- Light Cherry 3812
- Maple 3813
- Red Oak 3814
- Walnut 3815

ANODIZED METALS
- Brushed Aluminum P11AZ
- Polished Chrome P9611
- Polished Brass P9631
- Satin Chrome P9634

DIAMOND/FLEX™
- Louvered Bright White
- Louvered Bright Silver

CUSTOM COLORS AVAILABLE
- Trim available to match. Grid and trim available in painted coordinating colors.
USG PANZ® METAL PANELS

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Materials</th>
<th>Available Sizes</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panels: Aluminum</td>
<td>1' x 4', 1' x 5', 2' x 2', 2' x 4', 2' x 6', 2' x 8', 4' x 4', 20&quot; x 60&quot;, 30&quot; x 30&quot;, 30&quot; x 60&quot;. Custom sizes available.</td>
<td>Painted, powder coated or anodized in a variety of optional perforation patterns. 2' x 2' panels available with perforation and/or embossing options.</td>
</tr>
</tbody>
</table>

ACOUSTICS

<table>
<thead>
<tr>
<th>Description</th>
<th>Optional Acoustical Material</th>
<th>Sound Rating - NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perforated panel</td>
<td>Acoustibond™ backer</td>
<td>Perforation CD06305NB (A062) 0.60 Perforation CD11777 (A116) 0.70</td>
</tr>
<tr>
<td>Perforated panel</td>
<td>2' x 0.75 lb. fiberglass in polybag</td>
<td>0.85 0.90</td>
</tr>
</tbody>
</table>

PANELS

<table>
<thead>
<tr>
<th>Smooth Panel</th>
<th>Perforated Panel</th>
<th>Perforated Panel with Acoustibond™ Backer</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Square Edge with 15/16&quot; USG DX® Suspension</td>
<td>USG Square Edge with 9/16&quot; USG Centricitee™ DXT™ Suspension</td>
<td>USG Shadowline Edge with 16/16&quot; USG DX® Suspension</td>
</tr>
<tr>
<td>USG FineLine® Edge with 9/16&quot; USG FineLine® 1/8 DXFF™ Suspension</td>
<td>USG Flush Mount Edge with USG DX® Suspension (FM 15)</td>
<td>USG FineLine® Edge with USG Identitee® DXI™ Suspension</td>
</tr>
</tbody>
</table>

EDGE DETAILS

<table>
<thead>
<tr>
<th>USG Fineline® Edge with 9/16&quot; USG FineLine® 1/8 DXFF™ Suspension</th>
<th>USG FineLine® Edge with USG Identitee® DXI™ Suspension</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Emissions (VOC) CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.</td>
<td>High Recycled Content USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.</td>
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</table>

PHYSICAL DATA

<table>
<thead>
<tr>
<th>Product literature</th>
<th>ASTM E84 and CAN/ULC S102 surface-burning characteristics (with Acoustibond™ backer)</th>
<th>Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>System brochure: IC415</td>
<td>Class A</td>
<td>Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings &amp; Interior Systems Construction Association.</td>
</tr>
<tr>
<td>Data sheet: IC314</td>
<td>Flame spread: 25 or less</td>
<td>Notes</td>
</tr>
<tr>
<td>Perforation selection guide: IC425</td>
<td>Smoke developed: 50 or less</td>
<td>1. Acoustibond™ standard backer not with DiamondFlex™ panels.</td>
</tr>
<tr>
<td>Warranty: SC2102</td>
<td>Light reflectance</td>
<td>2. Only applicable for 2' x 2' panels.</td>
</tr>
<tr>
<td>Specification: IC075</td>
<td>Flat White: LR-0.80 (less with perforations).</td>
<td>3. Refer to IC425 for additional NRC information based on perforation pattern.</td>
</tr>
<tr>
<td>Care and Maintenance: IC318</td>
<td></td>
<td>4. If panel length is 60 inches then one stabilizer bar is required at midpoint.</td>
</tr>
<tr>
<td>Online tools</td>
<td></td>
<td>— If panel length is 96 inches then two stabilizer bars are required at the 1/3 and 2/3 points.</td>
</tr>
<tr>
<td>usgdesignstudio.com or cgcdesignstudio.com</td>
<td></td>
<td>— Cross teas 96 inches used in large modules shall have hanger wires installed minimum 4 ft. o.c.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5. Flush Mount Edge is for 2' x 2' panels only. Flush Mount available with both DX® and DXT™ grid profiles.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6. Panz panels available in metallics, with maximum 24” wide and 72” long.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7. Matte White 3708 is not available in 4' x 4' panel.</td>
</tr>
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</table>

Notice

The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

Low Emissions (VOC) CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

High Recycled Content USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

Limitation

Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction Association.

Notes

1. Acoustibond™ standard backer not with DiamondFlex™ panels.
2. Only applicable for 2' x 2' panels.
3. Refer to IC425 for additional NRC information based on perforation pattern.
4. If panel length is 60 inches then one stabilizer bar is required at midpoint.
   — If panel length is 96 inches then two stabilizer bars are required at the 1/3 and 2/3 points.
   — Cross teas 96 inches used in large modules shall have hanger wires installed minimum 4 ft. o.c.
5. Flush Mount Edge is for 2' x 2' panels only. Flush Mount available with both DX® and DXT™ grid profiles.
6. Panz panels available in metallics, with maximum 24” wide and 72” long.
7. Matte White 3708 is not available in 4' x 4' panel.
USG PIXELS® METAL CEILING PANELS
PERFORATED IMAGERY

FEATURES AND BENEFITS
• Transform photographs, art and logos into perforated images on metal panels.
• Produce imagery on ceilings.
• No limit to image or ceiling size.
• Suitable for USG Celebration™ Snap-In, Panz®, Curvatura™ and Celebration Torsion Spring.
• Images can be positive or negative for backlighting.
• Choose from three resolutions based on aesthetic or budget considerations.

APPLICATIONS
• Interior and Exterior Applications
• Pods, Islands, and Clouds
• Wall to Wall
• Sloped Ceilings
• Wall Mount Ceilings
• New Construction or Renovation
• Downward Accessible Ceilings

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
PAINTED METALS
Flat White 050
Silver Satin 002
CUSTOM COLORS AVAILABLE
USG PIXELS® METAL CEILING PANELS
PERFORATED IMAGERY

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Materials</th>
<th>Systems</th>
<th>Nominal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum metal panels</td>
<td>USG Celebration™ Snap-In, Panz® Metal Panels,</td>
<td>2’x2’, 2’x4’, 2’x6’</td>
</tr>
<tr>
<td></td>
<td>Celebration torsion Spring</td>
<td>Custom Sizes available.</td>
</tr>
<tr>
<td>Aluminum metal panels</td>
<td>USG Curvatura™ 3-Dimensional Suspension System</td>
<td>2’x2’, 2’x6’</td>
</tr>
<tr>
<td>Steel suspension system</td>
<td>USG Donn® Brand DX®, Centricitee™ DXT™, Fineline™ DXF™</td>
<td></td>
</tr>
</tbody>
</table>

RESOLUTION

- Hi Res
- Med Res
- Low Res

IMAGE SIZE

No limit to image size or canvas size (total ceiling area containing image).

6’x10’ canvas
(Depleted using 2’x2’ panels)

12’x20’ canvas
(Depleted using 2’x2’ panels)

See USG Pixels® Metal Panels Design Guide (IC566) for design considerations.

PHYSICAL DATA

<table>
<thead>
<tr>
<th>Product Literature</th>
<th>ASTM E84 and CAN ULC S102</th>
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<tbody>
<tr>
<td>Data sheet: IC563</td>
<td>surface-burning characteristics (with Acoustibond™ backer)</td>
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<tr>
<td>Design guide: IC566</td>
<td>Class A</td>
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<tr>
<td>Check sheet: IC565</td>
<td>Flame spread: 25 or less</td>
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<td>Warranty: SC2102</td>
<td>Smoke developed: 50 or less</td>
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<tr>
<td>Wall Installation Guide: IC606</td>
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<tr>
<td>Specification: IC677</td>
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<tr>
<td>Online tools</td>
<td></td>
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<tr>
<td>usgdesignstudio.com or cgcdesignstudio.com</td>
<td></td>
</tr>
</tbody>
</table>

Low Emissions (VOC)

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Limitation

- Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction Association.
USG HERADESIGN™ WOOD WOOL PANELS
DIRECT MOUNT WALL & CEILING PANELS

FEATURES AND BENEFITS
• Available in two textures to meet design needs.
• Can be field painted for an almost unlimited range of colors.
• Excellent noise absorption - NRC up to 0.90 (C-40 Mounting).
• Durable and sustainable option for retrofits to improve acoustical performance.
• Can be applied to common surfaces such as wood, drywall, masonry or steel.

APPLICATIONS
• Offices and conference rooms
• Gymnasiums and recreational areas
• Education
• Auditoriums
• Retrofits
• Restaurants
• Retail Spaces

SUBSTRATE
• Magnesite-bonded wood wool

STANDARD COLOR
• Beige

CUSTOM COLOR
• Panels can be field painted

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
USG HERADESIGN™ WOOD WOOL PANELS
DIRECT MOUNT WALL & CEILING PANELS

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>BEV/BEV</td>
<td>2'x4'x1&quot;</td>
<td>Class A</td>
<td>HDMSF124B</td>
<td>Beige</td>
</tr>
<tr>
<td></td>
<td>2'x8'x1&quot;</td>
<td>Class A</td>
<td>HDMSF128B</td>
<td>Beige</td>
</tr>
<tr>
<td>BEV/SQ</td>
<td>2'x8'x5/8&quot;</td>
<td>Class A</td>
<td>HDMSF5828</td>
<td>Beige</td>
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<tr>
<td></td>
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<td>Class A</td>
<td>HDMSF124</td>
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<tr>
<td></td>
<td>2'x8'x1&quot;</td>
<td>Class A</td>
<td>HDMSF128</td>
<td>Beige</td>
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<td>Beige</td>
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<tr>
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<td>HDMF128B</td>
<td>Beige</td>
</tr>
<tr>
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<td>Class A</td>
<td>HDMF124</td>
<td>Beige</td>
</tr>
<tr>
<td></td>
<td>2'x8'x1&quot;</td>
<td>Class A</td>
<td>HDMF128</td>
<td>Beige</td>
</tr>
</tbody>
</table>

**HERADESIGN 1**
(Super Fine Texture)

**HERADESIGN 2**
(Fine Texture)

**EDGE DETAILS**

**RECOMMENDED EDGE DETAILS**

**BEV/BEV Edge Patterns**

**BEV/SQ Edge Patterns**

*Note: Use Beveled Edge/Beveled End panels for all adjoining panel installations.*

*Note: The BEV/BEV edge panels are recommended for installations with adjoining panels.*

*NOTE: Use Beveled Edge/Square End for the above layout.*
### USG HERADESIGN™ WOOD WOOL PANELS
**DIRECT MOUNT WALL & CEILING PANELS**

#### Mounting Methods

| Mounting Method | USG Heradesign Direct Mount Panel | 3/4" Furring Strips or equivalent | Insulation | Insulation
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Mounting A</strong></td>
<td>Installed Directly on a Wall or Ceiling Surface</td>
<td>24&quot; o.c. or equivalent</td>
<td>3/4&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td><strong>Mounting D-20</strong></td>
<td>Installed on 3/4&quot; Furring Strips</td>
<td>24&quot; o.c. or equivalent</td>
<td>3/4&quot; Insulation</td>
<td>3/4&quot; Insulation</td>
</tr>
<tr>
<td><strong>Mounting C-20</strong></td>
<td>Installed on 3/4&quot; Furring Strips</td>
<td>24&quot; o.c. or equivalent</td>
<td>1-1/2&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td><strong>Mounting C-40</strong></td>
<td>Installed on 1-1/2&quot; Furring Strips</td>
<td>24&quot; o.c. or equivalent</td>
<td>1-1/2&quot; Insulation</td>
<td>1-1/2&quot; Insulation</td>
</tr>
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</table>

#### Physical Data

**Product Literature**
- Data sheet: SC3260
- Installation Guide: SC3261
- ASTM E1264 classification
  - Type XIV, Pattern A
- ASTM E84 and CAN/ULC S102 surface-burning characteristics
  - Class A
  - Flame spread: 25 or less
  - Smoke developed: 50 or less

**Online Tools**
- usgdesignstudio.com or cgcdesignstudio.com

**Weight**
- HERADESIGN 1: 1.60 lb. / sq. ft. (5/8")
- HERADESIGN 2: 2.31 lb. / sq. ft. (5/8")

**Installation Considerations**
- Ensure panels are mechanically fastened to an approved surface/substrate. Panels are to be installed in an ashlar pattern (staggered end joints). Use caution and wear appropriate hand, eye, and dust mask protection when cutting and installing USG Heradesign panels. Refer to USG Heradesign Installation Guide SC3261 for more details. Heradesign panels are not suitable for pools or exterior applications.

**Design Considerations**
- For walls that may experience condensation or moisture, such as uninsulated exterior walls, D or C mounting is required to create a gap between the structure and the panel.

**Visual Consideration**
- Color and pattern variation is common across panels due to the natural characteristics of wood.

**Notes**
1. Given the potential variation of the wood fibers used in Heradesign panels, USG Standard, Advantage or Premium colors will coordinate only and exact matches are not possible. Please compare samples with USG color chips to find best coordinating color.
2. Acoustical performance is representative of 1" thick product.
FEATURES AND BENEFITS

- Available in two textures to meet design needs.
- Can be field painted for an almost unlimited range of colors.
- Excellent noise absorption - NRC up to 0.85.
- Durable and sustainable option for retrofits to improve acoustical performance.

APPLICATIONS

- Offices and conference rooms
- Gymnasiums and recreational areas
- Education
- Auditoriums
- Restaurants
- Retail Spaces
USG HERADESIGN™ WOOD WOOL PANELS
LAY-IN CEILING PANELS

HERADESIGN 1
(Super Fine)

HERADESIGN 2
(Fine)

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>Color</th>
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</thead>
<tbody>
<tr>
<td>SQ</td>
<td>2’x2’x1”</td>
<td>Class A</td>
<td>HLSF122S</td>
<td>Beige</td>
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<tr>
<td></td>
<td>2’x4’x1”</td>
<td>Class A</td>
<td>HLSF124S</td>
<td>Beige</td>
</tr>
<tr>
<td>SL</td>
<td>2’x2’x1”</td>
<td>Class A</td>
<td>HLSF122L</td>
<td>Beige</td>
</tr>
<tr>
<td></td>
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<td>HLSF124L</td>
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<tr>
<td>SQ</td>
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<tr>
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<td>2’x4’x1”</td>
<td>Class A</td>
<td>HLF124L</td>
<td>Beige</td>
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</tbody>
</table>

GRID PROFILE OPTIONS

ACOUSTICAL PERFORMANCE

HERADESIGN 1
(Super Fine Texture)

HERADESIGN 2
(Fine Texture)

<table>
<thead>
<tr>
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</tr>
<tr>
<td></td>
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<td>Class A</td>
<td>HLSF124L</td>
<td>Beige</td>
</tr>
<tr>
<td>SQ</td>
<td>2’x2’x1”</td>
<td>Class A</td>
<td>HLF123S</td>
<td>Beige</td>
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<tr>
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<td>2’x4’x1”</td>
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</tr>
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<td></td>
<td>2’x4’x1”</td>
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Square Edge Panels - SQ

USG DX®

USG DXW™

USG DX®

Shadowline Edge Panels - SL

NRC as per ASTM C423

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<th>No Infill Panel</th>
<th>Infill Panel; Item No. 22421</th>
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<tbody>
<tr>
<td>HERADESIGN 1</td>
<td>0.55</td>
<td>0.85</td>
</tr>
<tr>
<td>HERADESIGN 2</td>
<td>0.55</td>
<td>0.75</td>
</tr>
</tbody>
</table>

ORDER SAMPLES/LITERATURE
USG: usg.com or samplit@usg.com
CGC: contact Sales Representative
TECHNICAL SERVICES
800 USG-4YOU (874-4968)

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com
USG HERADESIGN™ WOOD WOOL PANELS
LAY-IN CEILING PANELS

Panel Retention Clip 20428

Attaches to 1-1/2” main tees and cross tees behind lay-in panels. The retention clip helps prevent panel displacement from incidental contact. Recommended with USG Heradesign panels in areas where contact is possible such as gymnasiums & educational applications.

Product literature
Data sheet: SC3259
Installation Guide: SC3261
ASTM E136-4 classification
Type XIV, Pattern L
ASTM E84 and CAN/ULC S102
surface-burning characteristics
Class A
Flame spread: 25 or less
Smoke developed: 50 or less

Field Painting
Field painting multiple times is acceptable with Heradesign. For more detail please see USG Heradesign Installation Guide SC3261.

Weight
HERADESIGN 1
2.31 lb. / sq. ft. (1”)
HERADESIGN 2
2.53 lb. / sq. ft. (1”)

Installation Considerations
Use caution and wear protective clothing and eye protection. Only install in a well ventilated area. For detailed instructions reference USG Heradesign Installation Guide SC3261. Heradesign panels are not recommended for use in pools or exterior applications.

Notes
1. Given the potential variation of the wood fibers used in Heradesign panels, USG Standard, Advantage or Premium colors will coordinate only and exact matches are not possible. Please compare samples with USG color chips to find best coordinating color.
2. Acoustical test results are representative of 1” thick product.

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Visual Consideration
Color and pattern variation is common across panels due to the natural characteristics of wood.

Field Painting
Field painting multiple times is acceptable with Heradesign. For more detail please see USG Heradesign Installation Guide SC3261.

Weight
HERADESIGN 1
2.31 lb. / sq. ft. (1”)
HERADESIGN 2
2.53 lb. / sq. ft. (1”)

Installation Considerations
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Weight
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2.31 lb. / sq. ft. (1”)
HERADESIGN 2
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2. Acoustical test results are representative of 1” thick product.

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Visual Consideration
Color and pattern variation is common across panels due to the natural characteristics of wood.
FEATURES AND BENEFITS
• The elegance, warmth and majesty of true wood.
• Natural wood veneers.
• Standard panel sizes of 2’x2’, 2’x4’.
• Additional panel sizes: 1’x4’, 1’x5’, 2’x6’, 2’x8’, 20”x60”, 30”x60”.
• Acoustical options, with an integrated acoustical backer.
• FSC® certified.
• Class A fire rating.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Wall Applications
• Sloped Ceilings
• New Construction or Renovation
• Concealed Grid (AR Edge)
# USG TRUE® WOOD PANELS

## Grid Profile Options

<table>
<thead>
<tr>
<th>Grid Profile Options</th>
<th>Panel Sizes</th>
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</thead>
<tbody>
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<td>SL</td>
<td>2’x2’x3/4”</td>
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<tr>
<td>AR</td>
<td>2’x2’x3/4”</td>
</tr>
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## TRUE® WOOD TRIM OPTIONS

- **4” Nominal (3-3/4”x8’)**
- **6” Nominal (5-1/4”x8’)**

## Grid Profile Options

<table>
<thead>
<tr>
<th>D</th>
<th>USG DX®</th>
<th>E</th>
<th>USG Centricitee® DXT™</th>
<th>F</th>
<th>USG Fineline® DXF™</th>
<th>G</th>
<th>USG Fineline® 1/8 DXFF™</th>
<th>H</th>
<th>USG Identitee® DXI™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><img src="diagram.png" alt="Diagram" /></td>
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<td><img src="diagram.png" alt="Diagram" /></td>
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<td><img src="diagram.png" alt="Diagram" /></td>
<td></td>
<td><img src="diagram.png" alt="Diagram" /></td>
</tr>
</tbody>
</table>

## Perforation Options

<table>
<thead>
<tr>
<th>Pattern Number</th>
<th>Hole (mm)</th>
<th>Spacing (mm)</th>
<th>% Open Area</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>W100</td>
<td>6</td>
<td>16</td>
<td>10</td>
<td>0.60</td>
</tr>
<tr>
<td>W200</td>
<td>6</td>
<td>32</td>
<td>3</td>
<td>0.30</td>
</tr>
<tr>
<td>W300</td>
<td>8</td>
<td>16</td>
<td>20</td>
<td>0.70</td>
</tr>
<tr>
<td>W400</td>
<td>8</td>
<td>32</td>
<td>5</td>
<td>0.40</td>
</tr>
</tbody>
</table>

## Channel Options

<table>
<thead>
<tr>
<th>Pattern Number</th>
<th>Channel Width (mm)</th>
<th>Channel Depth (mm)</th>
<th>Spacing (mm centers)</th>
<th>Border (mm)</th>
<th>NRC</th>
</tr>
</thead>
<tbody>
<tr>
<td>W500 (border)</td>
<td>2</td>
<td>3.8</td>
<td>10</td>
<td>25.4</td>
<td>N/A</td>
</tr>
<tr>
<td>W600 (border)</td>
<td>2</td>
<td>3.8</td>
<td>5</td>
<td>25.4</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Channel Perforations maximum panel size is 2’x4’

For perforation images, see True® Wood Finishes & Perforation Guide IC559, or True® Wood Installation Guide IC561.

## Physical Data

- **Product literature**
  - Data sheet: IC558
  - Finishes sheet: IC559
  - Installation Guide: IC561
  - Warranty: SC2102
  - Specification SDS: IC705
  - Handling Guide: IC5449
  - Online tools: usgdesignstudio.com or cgcdesignstudio.com

- **ASTM E84 and CAN/ULC S102**
  - Class A
  - Surface-burning characteristics
  - Smoke developed: 50 or less
  - SMOKE developed 50 or less
  - Building envelope materials and products are non-combustible and have a smoke production of 50 or less.

- **ASTM E1264 Classification**
  - Class A

- **Weight**
  - 3 lb. / sq. ft.

- **Material**
  - No added urea-formaldehyde core, with face cut veneers.

- **Notes**
  - Color Disclaimer: Printed and/or online color swatches are only reproductions of actual standards and will vary in appearance due to differences in monitor and printer output.
  - Wood Disclaimer: Wood is a natural grain product with variations in grain, texture and color often ranging from light to dark, thereby affecting the surface look. Product finishes are spray-applied stain or sealant based.
  - Building environmental conditions should be maintained in accordance with ASHRAE Standard 62.1, 2013.

- **Safety First!**
  - Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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cgcdesignstudio.com
FEATURES AND BENEFITS
• The elegance, warmth and majesty of true wood.
• Natural wood veneers.
• Eight design motifs.
• One panel design; dozens of layouts or provide your own design.
• FSC® certified.
• Class A fire rating.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Wall Applications
• Sloped Ceilings
• New Construction or Renovation
• Patterned Aesthetics

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USG True® Wood Renditions™ Architectural Accent Panels in Swirls pattern.

Available in Beech Light, Cherry, Maple, Red Oak, Walnut, Dark Bamboo, Light Bamboo, and Dark Cherry.
**USG TRUE™ WOOD RENDITIONS™ PANELS**

**USG TRUE™ WOOD ARCHITECTURAL ACCENTS PANEL OPTIONS**

<table>
<thead>
<tr>
<th>Funnel</th>
<th>Rosette</th>
<th>Swirl</th>
<th>Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tangent</td>
<td>Corner</td>
<td>Deco</td>
<td>Ellipse</td>
</tr>
</tbody>
</table>

**GRID PROFILE OPTIONS**

Panel edge detail

**EXAMPLE OF CEILING LAYOUT BOXES**

See IC652 for more ceiling layouts.

**PHYSICAL DATA**

Product literature
- Data sheet: IC650
- Finishes sheet: IC559
- Design Guide: IC652
- Warranty: SC2102
- Handling Guide: IC5449

Online tools
- usgdesignstudio.com or cgcdesignstudio.com

ASTM E84 and CAN/ULC S102
- surface-burning characteristics
  - Class A
  - Flame spread: 25 or less
  - Smoke developed: 50 or less

Weight
- 3 lb./sq. ft.

Material
- No added urea-formaldehyde core, with face-cut veneers.

**Notes**
- Color Disclaimer: Printed and/or online color swatches are only reproductions of actual standards and will vary in appearance due to differences in monitor and printer output.
- Wood Disclaimer: Wood is a natural grain product with variations in grain, texture and color often ranging from light to dark, thereby affecting the surface look. Product finishes are spray-applied stain or sealer coats.
- These representations should not be used to finalize color selection(s).
- Building environmental conditions should be maintained in accordance with ASHRAE Standard 62.1, 2013.
- Refer to CISCA Wood Ceilings Technical Guidelines for best practices on installing wood ceilings.
- For Canadian product needs, please contact your local sales representative.
- For Funnel, Swirl, Boxes, Deco, and Ellipses, customer to indicate grain direction.

**ASTM E84 and CAN/ULC S102**

**Surface-burning characteristics**
- Class A
- Flame spread: 25 or less
- Smoke developed: 50 or less

**Weight**
- 3 lb./sq. ft.

**Material**
- No added urea-formaldehyde core, with face-cut veneers.
USG DANOLINE™ DIRECT MOUNT PANELS
ACOUSTICAL PERFORATED GYPSUM

FEATURES AND BENEFITS
• New direct mount system offers design flexibility with excellent acoustics and elegant aesthetics.
• The system is ideal for open plenum or exposed structure designs.
• Three perforation patterns and two panel layouts offer endless design options.
• Decorative perforated panel offers a factory finish in flat white and can also be field painted to match the color of any deck. Perforations will appear white when face of panel is painted, per manufacturer’s recommendations.
• Factory applied acoustical backer provides 0.45 - 0.70 Sabins per square foot. Higher acoustical performance achieved with additional fiberglass backer; 0.80 - 1.25 Sabins per square foot.
• Flexible installation options to meet a variety of decks and utilities space requirements.
• Panels have Class A fire rating
• Available in 3’x8’ and 4’x8’ panels
• Field modifiable

APPLICATIONS
• Decorative wall panels
• Islands and clouds
• Sloped ceilings
• New Construction and renovation
• Interior installations

COMPONENTS
• Perforated gypsum panel
• Factory applied acoustical backer
• Hat channel, furring strips supplied by others
• USG Drywall Suspension System and additional fiberglass backer panel supplied separately

STANDARD COLORS
Flat White
RAL 9003
Panels can be field painted

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DATA SHEET
WEBPAGE ACCESS
INSTALLATION GUIDE
PACKAGING DATA
USG DANOLINE™ DIRECT MOUNT PANELS
ACOUSTICAL PERFORATED GYPSUM

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USG SUSTAINABILITY TOOL
usg.com
cgcdesignstudio.com

USG DANOLINE™ DIRECT MOUNT PANELS
ACOUSTICAL PERFORATED GYPSUM

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Mounting</th>
<th>Perforation/Perf Layout</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>LR*</th>
<th>Color Options</th>
<th>Sabins / Sq Ft 1,3</th>
<th>Sabins / Sq Ft 2,3</th>
<th>% Open</th>
<th>VOC Emissions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQ</td>
<td>3’x8’x1/2”</td>
<td>DWSS, HC, or ZC</td>
<td>01 3L1</td>
<td>Class A</td>
<td>22752</td>
<td>69.2</td>
<td>White or field paint</td>
<td>0.80-1.25</td>
<td>0.45-0.70</td>
<td>15.5%</td>
<td>Low</td>
</tr>
<tr>
<td>SQ</td>
<td>4’x8’x1/2”</td>
<td>DWSS, HC, or ZC</td>
<td>09 2L2</td>
<td>Class A</td>
<td>22749</td>
<td>69.2</td>
<td>White or field paint</td>
<td>0.80-1.25</td>
<td>0.45-0.65</td>
<td>15%</td>
<td>Low</td>
</tr>
<tr>
<td>SQ</td>
<td>4’x8’x1/2”</td>
<td>DWSS, HC, or ZC</td>
<td>01 3L1</td>
<td>Class A</td>
<td>22750</td>
<td>72.8</td>
<td>White or field paint</td>
<td>0.80-1.25</td>
<td>0.45-0.65</td>
<td>12.2%</td>
<td>Low</td>
</tr>
</tbody>
</table>

STANDARD PERFORATION LAYOUTS AND PATTERNS

3L1 (3’x8’)

<table>
<thead>
<tr>
<th>01</th>
<th>Oround 5/32” x 9/16” [4x14mm]</th>
</tr>
</thead>
</table>

2L2 (4’x8’)

<table>
<thead>
<tr>
<th>09</th>
<th>Square 3/8” [9 mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Oround 5/32” x 9/16” [4x14mm]</td>
</tr>
</tbody>
</table>

SUSPENSION METHODS

Z-Channel (2C)

 Hat Channel (HC)

USG Drywall Suspension System (DWSS)

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**SUSPENSION METHODS**

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**PHYSICAL DATA**

Additional documents and resources:
- Architectural Specification - IC761
- Systems Guide - IC730
- Perforation Guide - IC760
- CAD Details - IC764 & IC771

Online tools
usgdesignstudio.com or cgdesignstudio.com

ASTM E844 Classification
Type XX, Pattern A
ASTM E84 and CAN/ULC S102
Surface-burning characteristics
Class A
Flame spread: 25 or less
Smoke Developed: 50 or less

Weight
1.43 lb - 1.62 lb / sq. ft.

Substrate
Gypsum Panel

Thickness
All panels are 1/2” (12.5mm)

Notes
1. With factory applied acoustical backer plus an additional fiberglass backer panel.
2. Factory applied acoustical backer only.
3. Performance value ranges based on mounting heights from 1-1/2” to 24”.

For 3L1
For 2L2

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**PHYSICAL DATA**

Additional documents and resources:
- Architectural Specification - IC761
- Systems Guide - IC730
- Perforation Guide - IC760
- CAD Details - IC764 & IC771

Online tools
usgdesignstudio.com or cgdesignstudio.com

ASTM E8264 Classification
Type XX, Pattern A
ASTM E844 and CAN/ULC S102
Surface-burning characteristics
Class A
Flame spread: 25 or less
Smoke Developed: 50 or less

Weight
1.43 lb - 1.62 lb / sq. ft.

Substrate
Gypsum Panel

Thickness
All panels are 1/2” (12.5mm)

Notes
1. With factory applied acoustical backer plus an additional fiberglass backer panel.
2. Factory applied acoustical backer only.
3. Performance value ranges based on mounting heights from 1-1/2” to 24”.

For 3L1
For 2L2
USG DANOLINE™ LAY-IN PANELS
ACOUSTICAL PERFORATED GYPSUM

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS
Flat White
RAL 9003

FEATURES AND BENEFITS
• New lay-in panels offer excellent acoustics with highly refined aesthetics.
• Four different perforation patterns to choose from.
• Decorative perforated gypsum panel offers a smooth face with high light reflectance, 69 to 72%.
• Factory applied acoustical backer provides high performance acoustics up to NRC 0.80.
• Higher acoustics achieved with added mineral fiber backer.
• Panels installed with standard acoustical grid system. No special tools or installation required.
• Available in 2’x2’, 2’x4’ panels.
• Ideal for renovations as well as new construction.
• Panels have a Class A fire rating.
• Field modifiable.

APPLICATIONS
• Wall to wall ceilings
• Islands and clouds
• Sloped ceilings
• New Construction and renovation
• Interior installations

SUBSTRATE
• Perforated gypsum panel
• Factory applied acoustical backer
• Hat channel furring strips supplied by others
• USG Drywall Suspension System supplied separately
### USG DANOLINE™ LAY-IN PANELS
#### ACOUSTICAL PERFORATED GYPSUM

**Physical Data**

- **ASTM E1264** Classification
  - Type XX, Pattern C
- **ASTM E484 and CAN/ULC S102**
  - Surface-burning characteristics
  - Class A
  - Flame spread 25 or less
  - Smoke Developed 50 or less
- **Weight**
  - 1.45 lbs./sq. ft.
- **Substrate**
  - Gypsum Panel
- **Thickness**
  - All panels are 1/2" (12.5mm)

**Notes**

1. Acoustic values are measured with factory applied acoustical felt. Higher acoustical performance may be achieved by adding USG Mar™ High-NRC/High-CAC Acoustical Panels.
2. If CAC performance is required add USG Mar™ High-NRC/High-CAC Acoustical Panels.
3. LR values are shown as averages.
4. NRC values estimated based on ISO 354 test results and presented for material in type E400 mounting, as described in ASTM E795.

**Order Samples/Literature**

USG: usg.com or samplit@usg.com

CGC: Contact Sales Representative

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**Sustainability Tool**

USG SUSTAINABILITY TOOL
cgcdesignstudio.com

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SAFETY FIRST! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation at USG.com.

**Product Certified**

- FOR LOW CHEMICAL EMISSIONS
  - UL.COM/GG
  - UL 2818

**For Most Up-to-Date Technical Information and USG Sustainability Tool**

usg.com
cgcdesignstudio.com

---

### Standard Perforation Patterns

<table>
<thead>
<tr>
<th>C6 - Circles 1/4&quot; (6 mm)</th>
<th>CV - Circles Variable</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Circle Perforation" /></td>
<td><img src="image" alt="Variable Circle Perforation" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>O1 - Obround 5/32&quot; x 9/16&quot; (4x14 mm)</th>
<th>S3 - Square 1/8&quot; (3.5 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Oblong Perforation" /></td>
<td><img src="image" alt="Square Perforation" /></td>
</tr>
</tbody>
</table>

### Grid Profile Options

- **A** USG DX® Recessed Wide
- **B** USG DXT® Recessed Narrow
- **C** USG DXT® Recessed Wide
- **D** USG Centricite® DXT™ Recessed
- **E** USG Identite™ DXF™ Recessed
- **F** USG Fineline® DXF™ Recessed
- **G** USG Fineline® 1/8 DXFF™ Recessed

**Additional documents and resources:**

- Architectural Specification - IC762
- Perforation Guide - IC769
- CAD Details - IC766, IC767, IC768 & IC769

Online tools:

- usgdesignstudio.com
- cgcdesignstudio.com

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USG TRANSLUCENTS™
INFILL PANELS

FEATURES AND BENEFITS
• Fully accessible translucent infill panels.
• Panels can be used with standard USG Donn® Brand DX®, Centricitee™ DXT™, Curvatura™, Identitee® DXI™, Fineline® DXF™ 3-Dimensional and GridWare™ Open Cell Decorative suspension systems.
• Available in a variety of decors that feature embedded fabrics and other materials as well as solid colors.
• 2’x2’ panels (23-3/4”x23-3/4”) in all finishes.
• 2’x6’ panels (23-3/4”x71-3/4”) in all finishes. (Except Clear Matte available in 2’x2’ only)
• USG Translucents™ panels contain a minimum of 40% recycled content.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• Curved Ceilings
• New Construction or Renovation
• Backlit Ceilings

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DÉCORS
Clear Matte Ivory Lipstick Meander Luna Ice Oyster Linen Rain Rhythm Silver Spun

COLOR GALLERY
Agave Blush Calypso Cornflower Glacier Graphite Gunmetal Honeydew
Lago Lemon Mimosa Mulberry Nutmeg Olive Olivewood Orchid
Pacific Periwinkle Pomegranate Sahara Santorini Swagliss Spice Sunflower

Sunset

USG Translucent™ Luminous Infill Panels/USG Donn® Brand Centricitee™ DXT™ Acoustical Suspension System
**USG TRANSLUCENTS™ LUMINOUS INFILL PANELS**

**PRODUCT INFORMATION**

<table>
<thead>
<tr>
<th>Product</th>
<th>Typical Sizes</th>
<th>System Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clear Matte</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard Décor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– 0.118&quot; PETG</td>
<td>2'x2'</td>
<td>23-3/4&quot;x23-3/4&quot;</td>
</tr>
<tr>
<td>(excluding Take II)</td>
<td>2'x6'</td>
<td>23-3/4&quot;x23-3/4&quot;</td>
</tr>
<tr>
<td>Rain</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.118&quot; Acrylic</td>
<td>2'x2'</td>
<td>23-3/4&quot;x23-3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>2'x6'</td>
<td>23-3/4&quot;x23-3/4&quot;</td>
</tr>
<tr>
<td>Take II</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0.236&quot; PETG</td>
<td>2'x2'</td>
<td>23-3/4&quot;x23-3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>2'x6'</td>
<td>23-3/4&quot;x23-3/4&quot;</td>
</tr>
<tr>
<td>Color Gallery</td>
<td></td>
<td></td>
</tr>
<tr>
<td>– 0.118&quot; PETG</td>
<td>2'x2'</td>
<td>23-3/4&quot;x23-3/4&quot;</td>
</tr>
<tr>
<td></td>
<td>2'x6'</td>
<td>23-3/4&quot;x23-3/4&quot;</td>
</tr>
</tbody>
</table>

This product does not offer any acoustical properties.

For USG Translucents™ panels, fixtures should be placed a minimum of 18" above the ceiling and 18" o.c. for best results. For best results when backlighting use Gridware grid components.

Lays into standard USG Donn® Brand DX®, Centricitee™ DXT®, Curvatura™ 3-Dimensional and GridWare™, DXI and DXF suspension systems.

**PHYSICAL DATA**

- **Acoustics**
- **Lighting**
- **Suspension Systems**

**Product Literature**
- Data sheet: IC406
- Care and Maintenance: IC456
- Online tools: usgdesignstudio.com or cgcdesignstudio.com

**Fire rating**
- USG Translucents™ panels meet the Class A acceptance criteria of 2021 IBC Section 803.1.1.1 for interior finishes as tested in accordance with NFPA 286.
- USG Translucents™ panels meet the Class B requirements for flame spread and smoke developed as tested in accordance with CAN/ULC S102 surface-burning characteristics.

**Recycled content**
- Décor: min. 40% recycled content. 100% recyclable.
- Rain: 40% recycled content. 100% recyclable.
- Color Gallery: Up to 40% recycled content.

**Limitations**
- This product is produced to order and will vary from batch-to-batch – panels ordered at the same time will be produced together and will be identical. USG cannot guarantee batch-to-batch consistency.

**Notes**
- 1. Take II not offered with Curvatura 3D due to material thickness.
- 2. Rain (Acrylic) is class C.

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**Recycled content**
- Decors: min. 40% recycled content. 100% recyclable.
- Rain: 40% recycled content. 100% recyclable.
- Color Gallery: Up to 40% recycled content.

**Limitations**
- This product is produced to order and will vary from batch-to-batch – panels ordered at the same time will be produced together and will be identical. USG cannot guarantee batch-to-batch consistency.

**Notes**
- 1. Take II not offered with Curvatura 3D due to material thickness.
- 2. Rain (Acrylic) is class C.
FEATURES AND BENEFITS

- Three-dimensional curved panels punctuate flat ceiling planes with rhythm and depth.
- 2'x2’ preformed polycarbonate panels create myriad patterns with just one simple panel shape.
- Lightweight lay-in panels install into 9/16” narrow-profile USG Donn® Brand suspension systems, allowing full ceiling accessibility.
- Luminous panels may be backlit with fluorescent strip fixtures or integrated with standard lay-in fixtures.

APPLICATIONS

- Interior Applications
- Wall to Wall Ceilings
- New Construction or Renovation
- Patterned aesthetics

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

COLOR GALLERY

- Agave
- Blush
- Calypso
- Cornflower
- Glacier
- Graphite
- Gunmetal
- Honeydew
- Lago
- Lemon
- Mimosa
- Mulberry
- Nutmeg
- Olive
- Olivewood
- Orchid
- Pacific
- Periwinkle
- Pomegranate
- Sahara
- Santorini
- Seaglass
- Spice
- Sunflower
- Sunset
USG BILLO™ 3-DIMENSIONAL PANELS

### PRODUCT INFORMATION

#### PANELS
Preformed polycarbonate. Suspension System: All 2’x2’ USG Donn® Brand 9/16” Centricitee™ DXT™, Identitee® DXI™, and Fineline® DXF™/DXFF™ profiles.

#### PANEL SIZE
Panels: 2’x2’
Weight: 0.25 lb./sq. ft.
Full 2’x2’ modules only

### FINISHES

#### PANEL COLOR
White Translucent
- Panel Light Transmission: 26%
- Suspension System Coordinating Colors: Flat White

#### PANEL LIGHT TRANSMISSION
White Opaque
- Panel Light Transmission: 8%
- Suspension System Coordinating Colors: Flat White

#### COLOR GALLERY COLORS
Color Gallery Colors: Varies per Color
- Flat White or per Specification

### EDGE DETAILS

#### USG BILLO™ Panels with 9/16” USG Donn® Brand Centricitee™ DXT™ Suspension

#### USG BILLO™ Panels with 9/16” USG Donn® Brand Fineline® DXF™ Suspension

#### USG BILLO™ Panels with 9/16” USG Identitee® DXI™ Suspension

### PANEL HOLD-DOWN CLIP

- Supplied with 9/16” down panels

### ASSEMBLY

View from above

- Panel hold-down clip
- Hanger wire
- USG BILLO™ panel
- USG Compasso™ trim (optional)
- USG Donn® Brand suspension system main tee

### PHYSICAL DATA

#### Product Literature
- System brochure: IC472
- Data sheet: IC473
- Warranty: IC2702
- Care and Maintenance: IC456
- Online tools: usgdesignstudio.com or cgcdesignstudio.com

#### Fire Rating
- USG BILLO™ panels meet the Class A acceptance criteria of 2021 IBC Section 803.1.1.1 for interior finishes as tested in accordance with NFPA 286.
- USG BILLO™ panels meet the Class B requirements for flame spread and smoke developed as tested in accordance with CAN/ULC S102 surface-burning characteristics.

#### Note
- For Canadian product needs, please contact your local sales representative.
- Ceiling layout design must be full ceiling panel module.

### ORDER SAMPLES/LITERATURE
- USG: usg.com or samplit@usg.com
- CGC: contact Sales Representative

### TECHNICAL SERVICES
- 800-USG-4YOU (874-4968)

### TECHNICAL INFORMATION AND LEED REPORT TOOL
- usgdesignstudio.com
- cgcdesignstudio.com
LINEAR

USG Ceilings Plus® Planx™, Finish: Sarante® Natural Ovang
Banner Ocotillo Medical Center in Phoenix, AZ
Architect: SmithGroup Phoenix, Photo: ©Kevin C Korczyk
FEATURES AND BENEFITS
• Recommend access doors for plenum accessibility.
• Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc.
  (independently suspended).
• Acoustical performance utilizing perforations and sound absorbing materials including Acoustibond and Ultrasorb.
• Standard and customizable perforations are available to create visual patterns.
• Available in various sizes and layout options.
• Varied mounting arrangements are available to respond to any installation requirements or conditions.
• Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLICATIONS
• Interior and Exterior Applications
• Sloped Ceilings
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Wall Applications
• New Construction
• Downward Accessible
• Concealed Grid

To order samples, contact your local sales representative
PERFORMANCE OPTIONS

Options for various aspects of the ceiling system are listed:

- **Design Parameters**
- **Physical Data**
- **Accessories**

**PHYSICAL DATA**

- Low Emissions (VOC)
- Declare® Labels on select finishes
- Recycled Content
- MAINTENANCE

**DETAIL & ACCESSORIES**

- Panel Size Guidelines
- Snap-in Installation
- Splice Joined
- Integration
- Footnotes

**INSTALLATION TYPE**

-可以选择的安装类型
- Snap-in Installation
- Splice Joined

**FILLER STRIP**

- The types of filler strips

**ULTRASORB**

- UltraSorb products

**ACOUSTIBOND**

- Acoustibond materials

**ULTRASORB, ACOUSTIBOND**

- Perforation
- Standard, Custom

**SLOTTED GRID**

- Slotted Grid
- Interlocking Tee Grid

**FINISH**

- Sarante**, Anodized, Painted

**APPLICATION**

- Interior, Exterior

**ACCESSIBILITY**

- Limited Snap-In, Interlocking, Progressive Install

**GRID OPTIONS**

- Slotted Grid
- Interlocking Tee Grid

**ACOUSTICS**

- Class A
- ASTM E84 and CAN/ULC S102 Surface burning characteristics
- Acoustibond, UltraSorb

**NRC**

- 0.70 - 0.95

**PERFORATION FIRE RATING**

- Standard, Custom
- Class A

**RECYCLED CONTENT**

- 70% - 90%

**MAINTENANCE**

- See architectural specification

**ORDER SAMPLES/LITERATURE**

- Contact your local sales rep.

**FOR MOST UP-TO-DATE TECHNICAL INFORMATION**

- Contact your local sales rep.
USG PARALINE® PLUS LINEAR METAL SYSTEMS

FEATURES AND BENEFITS

- Elegant linear metal ceiling system features 12’ long metal pans attached to a specially engineered suspension system.
- USG Paraline® Plus pans with Snap-Loc inserts are appropriate for exterior ceiling applications under protected soffits.
- Snap-up design offers unlimited access with minimum plenum depth requirements.
- Wind load tested and approved, including Miami-Dade NOA, for exterior applications with proper bracing and framing.
- Available with perforated pans and Acoustibond™ backer for superior acoustical control.

APPLICATIONS

- Interior and Exterior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Wall Applications
- Sloped Ceilings
- Curved Ceilings
- New Construction
- Downward Accessible
- Concealed Grid

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS

- Flat White 050
- Silver Satin 002
- Metallic Copper 1690
- Metallic Gold 1691
- Metallic Oyster 1652

ANODIZED METALS

- Brushed Aluminum P4AD
- Polished Chrome P4CH

TIMBRE™

- Maple 4010
- VG Fir 4011
- Red Birch 4012
- Cherry 4013
- Walnut 4014
- Mahogany 4015

WOOD TONES 12” - TEXTURED

- Beach 3810
- Dark Bamboo 3808
- Light Bamboo 3809
- Dark Cherry 3811
- Light Cherry 3812
- Maple 3813
- Red Oak 3814
- Walnut 3816

CUSTOM COLORS AVAILABLE
USG PARALINE® LINEAR METAL SYSTEMS

### DETAILS

**USG PARALINE® Plus Perforation Pattern**

- **Perforation Pattern:** CD06305NB (A062)
- **Perforation on the horizontal face only.**
- **Perforation shown actual size.**
  (Other perforations available - see Perforations Guide IC425)

**USG Paraline® Plus Ceilings**

- **3”, 7”, and 11” wide pan dimensions.**
- **Paraline® Plus pans, in 3”, 7”, and 11” widths, in conjunction with Snap-Loc and Monolithic Insert (not shown) are appropriate for exterior applications. Refer to USG Exterior Guide SC2561.**

**Low Emissions (VOC)**

- **CDPH 01350 v1.2-2017 compliance on select finishes,** see usg.com for more details and documentation.

**High Recycled Content**

- **USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.**

### PHYSICAL DATA

**Product literature**
- System brochure: IC726
- Data sheet: IC315
- Exterior Ceiling Systems Guide: SC2561
- Perforations Guide: IC425
- Warranty: SC2102
- Cleaning Instructions: IC518
- Online tools: usgdesignstudio.com or cgcdesignstudio.com

**Code approval**

See PER-12055.

The Timber finish used on Paraline® Linear incorporates a coating manufactured by a third party manufacturer which provides a 30-year limited warranty under the circumstances set forth in the warranty. This limited warranty is issued to USG Ceilings Plus, LLC and USG Interiors, LLC ("USG"). In the event our customer experiences a problem with the coating covered by the third party manufacturer’s limited warranty, USG will use the information you provide to file a claim under the limited warranty.

**Notes**

1. 3” and 7” Paraline® Plus Pans are available in Wood Tone Finish.
2. Inserts available in Wood Tone coordinating color.
3. Snap-Loc inserts are available in Timbre™ coordinating colors.
4. Monolithic Inserts are available in Timbre™.

**Light reflectance**
- Flat White: LR-0.80

**Limitation**
- Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction Association.

**Light reflectance**
- Flat White: LR-0.80

**Limitation**
- Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction Association.

**Carrier systems**
- The carrier systems for USG Paraline® and Paraline® Plus are not interchangeable and different carrier types may be required for exterior applications. For more information about USG Paraline® system components refer to IC463. For more information about exterior applications with Paraline® refer to SC2561.

**Notes**

1. 3” and 7” Paraline® Plus Pans are available in Wood Tone Finish.
2. Inserts available in Wood Tone coordinating color.
3. Snap-Loc inserts are available in Timbre™ coordinating colors.
4. Monolithic Inserts are available in Timbre™.

**Order Samples/Literature**

USG: usg.com or samplit@usg.com
CGC: contact Sales Representative

**Technical Services**

800 USG.4YOU (874-4968)

**For Most Up-To-Date Technical Information and LEED Report Tool**

usgdesignstudio.com
cgcdesignstudio.com

**Manufactured by**

USG Interiors, LLC
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Chicago, IL 60661

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USG PARALINE® I, II, AND, III
LINEAR METAL SYSTEMS

FEATURES AND BENEFITS
• Elegant linear metal ceiling system features 12’ long metal pans attached to a specially engineered suspension system.
• Closed-reveal USG Paraline® II are appropriate for exterior ceiling applications under protected soffits.
• Paraline® II wind load tested and approved for exterior applications with proper bracing and framing.
• Snap-up design offers unlimited access with minimum plenum depth requirements.
• Available with perforated pans for USG Paraline® II for NRC ratings as high as 0.95.

APPLICATIONS
• Interior and Exterior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• Curved Ceilings
• Wall Mount
• New Construction or Renovation
• Downward Accessible Ceilings
• Concealed Grid

PAINTED METALS
- Flat White 050
- Silver Satin 002
- Metallic Copper 1040
- Metallic Gold 1691
- Metallic Oyster 1652

ANODIZED METALS
- Brushed Aluminum 058
- Polished Aluminum 086

CUSTOM COLORS AVAILABLE

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
**USG PARALINE® I, II, AND III LINEAR METAL SYSTEMS**

**PRODUCT INFORMATION**

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<th>Materials</th>
<th>Typical Sizes</th>
<th>Finishes</th>
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<tr>
<td>USG Paraline® I, II, and III: Aluminum</td>
<td>3-1/4&quot; x 12&quot;</td>
<td>Painted or anodized (Paraline® III not available Anodized or in Metallic finishes.)</td>
</tr>
</tbody>
</table>

**USG Paraline® I (Not available perforated)**

**USG Paraline® II**

**USG Paraline® III (Not available perforated)**

**PERFORATION PATTERN**

Perforation Pattern CD06305NB (A062) Perforation on horizontal face only. Perforation shown actual size.

**PHYSICAL DATA**

- USG Paraline® I ceilings use 3-1/4" wide pans with roll-finished edges. Once assembled, the pans provide an open reveal for excellent acoustical control (sound is absorbed by acoustical material in the plenum).
- USG Paraline® II ceilings maintain the 3-1/4" wide pan dimension, but are constructed with integral flanges that overlap to form a reveal closure that is appropriate for exterior soffit applications. Perforated available.
- USG Paraline® III ceilings have bolder, 7-1/4" wide pans for larger-scale applications. Pans have a roll-finished edge to provide the same open reveal as USG Paraline® I with similar acoustical control.

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**High Recycled Content**

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**ORDER SAMPLES/LITERATURE**

USG: usg.com or samples@usg.com
CGC: contact Sales Representative

**TECHNICAL SERVICES**

800 USG-4YOU (874-4968)

**FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL**

usgdesignstudio.com
cgcdesignstudio.com

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**SAFETY FIRST!** Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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**IC518/rev. 5-22**

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**IC463/rev. 9-14**

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FEATURES AND BENEFITS

- The elegance, warmth and majesty of true wood.
- Natural wood veneers.
- Linear plank sizes: 4 1/2” x 8’ (3 3/4” actual dim.), 6” x 8’ (5 1/4” actual dim.)
- Acoustical with 3/4” reveal between panels
- FSC® certified.
- Class A fire rating.

APPLICATIONS

- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Wall Applications
- Sloped Ceilings
- Curved Ceilings
- New Construction or Renovation
- Concealed Grid
USG TRUE® WOOD LINEAR PLANKS

Linear Plank Size | Fire Rating | Grid Options | NRC | CAC
--- | --- | --- | --- | ---
4-1/2" Module, 3-3/4" x 8' Plank with 3/4" black felt reveal | Class A | DWSS | 0.40 | —
6" Module, 5-1/4" x 8' Plank with 3/4" black felt reveal | Class A | DWSS | 0.35 | —

Linear Planks are screw-attached to heavy duty DWSS drywall grid. They have a black fabric backing that overlaps panel-to-panel to create a clean black look in the reveal.

4" Nominal (3-3/4"x8')

6" Nominal (5-1/4"x8')

USG DRYWALL SUSPENSION SYSTEM

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

Product Literature
Data sheet: IC5409
Installation Guide: IC563
Handling Guide: IC5449
Online tools
usgdesignstudio.com or cgcdesignstudio.com

ASTM E84 and CAN/ULC S102 surface-burning characteristics
Class A
Flame spread: 25 or less
Smoke developed: 50 or less

ASTM E1264 classification

Weight
3 lb./sq. ft.

Material
No added urea-formaldehyde core, with face cut veneers.

Notes
- Color Disclaimer: Printed and/or online color swatches are only reproductions of actual standards and will vary in appearance due to differences in monitor and printer output.
- Wood Disclaimer: Wood is a natural grain product with variations in grain, texture and color often ranging from light to dark, thereby affecting the surface look. Product finishes are spray-applied stains or sealer coats.
- These representations should not be used to finalize color selection(s).
- Building environmental conditions should be maintained in accordance with ASHRAE Standard 62.1, 2013.
- Refer to CEEA Wood Ceilings Technical Guidelines for best practices on installing wood ceilings.
CURVED

USG Ceilings Plus® Radians®, Illusions®, Finish: Blanco Mat®
Hartsfield-Jackson, Atlanta International Airport
Architect: Fitzgerald Collaborative/HKS, Photo: ©Katie Bricker Photography
FEATURES AND BENEFITS
- Fully accessible system that allows access at every panel location.
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc independently suspended).
- Acoustical performance utilizing perforations and sound absorbing materials including Acoustibond and Ultrasorb.
- Standard and customizable perforations are available to create visual patterns.
- Design flexibility with panel sizes and layout options.
- Varied mounting arrangements are available to respond to any installation requirements or conditions.
- Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLICATIONS
- Interior and Exterior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Wall Applications
- Sloped Ceilings
- Curved Ceilings
- New Construction
- Downward Accessible
- Varied mounting arrangements are available to respond to any installation requirements or conditions.
USG Ceilings Plus® RADIANS®
CURVED METAL PANEL SYSTEM

Performance Options

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<th>Item No.</th>
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<th>Fire Rating</th>
<th>Recycled Content</th>
<th>Maintenance</th>
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</thead>
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<tr>
<td>Interior, Exterior</td>
<td>Torsion</td>
<td>Arboral, Sarantë™, Anodized, Painted</td>
<td>Full Downward</td>
<td>---</td>
<td>Acoustibond, Ultrasorb</td>
<td>0.70 - 0.95 (Requires Ultrasorb and perforations)</td>
<td>Standard, Custom</td>
<td>Class A, ASTM E84 CAN/ULC S102</td>
<td>Up to 90% finish dependent</td>
<td>See architectural specification</td>
</tr>
</tbody>
</table>

Design Parameters

Panel Size Guidelines
- Maximum length is 96” with max width of 24”
- Minimum width is 7” with max length of 96”
- Maximum width 48” with max length of 96”
- Depth is 1 ¼”
- Consult factory for custom panel size possibilities
- Minimum Radius: is 30”
- Maximum Radius: Depends upon panel size

Installation Type
- Butt Joint
- Reveal Joint: Varies

Integration
USG Ceiling Plus has developed Radians ceiling systems to meet ASTM E635, ASTM E651 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

 Declare® Labels on select finishes, see usg.com for more details and documentation.

Order samples/literature
Contact your local sales rep.

For most up-to-date technical information and LEED report tool
Contact your local sales rep.

Technical Services
Contact your local sales rep.

Low Emissions (VOC)
CSPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
FEATURES AND BENEFITS

- Create dramatic three-dimensional curved designs that combine shape, texture and lighting.
- Curved main tee segments and flexible panels provide endless combinations.
- Available in two configurations: One-Directional USG Curvatura™ with 2’x6’ infill panels and Two-Directional USG Curvatura™ with 2’x2’ panels.
- Secure 15/16” grid profile for stability.
- Coordinating colors for trim and suspension Wood Tone panels.
- Custom colors available.

APPLICATIONS

- Interior Applications
- Pods, Islands, and Clouds
- Curved Ceilings
- New Construction or Renovation

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS

- Flat White 050
- Silver Satin 002
- Metallic Copper 1690
- Metallic Gold 1691
- Metallic Oyster 1692

WOOD TONES™ - TEXTURED

- Beech 3810
- Dark Bamboo 3808
- Light Bamboo 3809
- Dark Cherry 3811
- Light Cherry 3812
- Maple 3813
- Red Oak 3814
- Walnut 3815

DIAMONDFLEX™

- Louvered Bright White
- Louvered Bright Silver
- Sheer Bright White
- Sheer Bright Silver

CUSTOM COLORS AVAILABLE

*Grid and trim available in painted coordinating colors.
USG CURVATURA® 3-DIMENSIONAL CEILING SYSTEM

### PRODUCT INFORMATION

#### PERSPECTIVE

Two-Directional System

One-Directional System

#### CURVED COMPONENTS

(Available as vaults and valleys)

#### PHYSICAL DATA

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<tr>
<td>Installation Guide: IC402, IC461, IC483</td>
<td>Cleaning Instructions: IC518</td>
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#### Low Emissions (VOC)

**CDPH 01350 v1.2-2017** compliance on select finishes, see usg.com for more details and documentation.

#### ASTM E84 and CAN UL C502

**Surface burning characteristics** (with Acoustibond® backer)

- **Class A**
  - Flame spread: 25 or less
  - Smoke developed: 50 or less

**Notes**

1. DiamondFlex™ and Wood Tone panels available for Two-Directional USG Curvatura™
2. One-Directional USG Curvatura™ Systems shall not be used in seismic design categories C, D, E and F.

#### Limitation

- Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction Association.

- **Recycled content**
  - USG Curvatura™ aluminum panels: ≤ 25% recycled content.

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**Safety First!** Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
OPEN CELL

USG GridWare™ + Compasso™ Standard Trim, Finish: Flat White
HCA Healthcare Building, Nashville Tennessee
Architect: IDS Interior Design Services, Inc.
FEATURES AND BENEFITS
- Fully accessible system that allows access at every panel location.
- Sprinkler systems may be located above the ceiling with one of our 70% open patterns. (consult local codes)
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
- Acoustical performance utilizing lay-in acoustical materials.
- Varied mounting arrangements are available to respond to any installation requirements or conditions.

APPLICATIONS
- Interior and Exterior Application
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Sloped Ceilings
- New Construction or Renovation
- Downward Accessible (Torsion Spring System)
TORSION SPRING SYSTEM

- Maximum length is 120” with max width of 24”
- Minimum width is 6” with max length of 96”
- Maximum width is 42” with max length of 48” (48” width available in select patterns. Consult factory for details)
- Consult factory for custom panel size possibilities

LAY-IN SYSTEM

- Width: 48”
- Length: 96”
- (consult sales rep/factory with your pattern for size recommendations)
- Aluminum (standard), steel, stainless steel
- See architectural specification

PANEL SIZE GUIDELINES

- Maximum length is 120” with max width of 24”
- Minimum width is 6” with max length of 96”
- Maximum width is 42” with max length of 48” (48” width available in select patterns. Consult factory for details)
- Consult factory for custom panel size possibilities

Product Literature
Please contact your local sales representative for Architectural Specification and warranty.

Architectural Specification
Clearing Instructions: IC51B
Warranty: SC2102

Suspension System
Expansé™ suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and “heavy duty” rating is available upon request.

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

Integration
Expansé can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

Modification:
Panels are easily modified in the field with standard tools. See our full list of CAD details.

Sound Absorption
Ultrasorb and Colortex™ panels may be used behind to add acoustic absorbing.
USG Ceilings Plus® Design Solutions
EXPANSE™
EXPANDED METAL SOLUTIONS

FEATURES AND BENEFITS
• Fully accessible system that allows access at every panel location.
• Directional open-cell expanded metal creates amazing gradient appearances.
• Optional utility channel provides easy provision for third party integration (lighting, diffusers, speakers, etc.)
• Varied mounting arrangements are available to respond to any installation requirements or conditions

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• New Construction or Renovation
• Downward Accessible (Torsion Spring System)

To order samples, contact your local sales representative
**USG Ceilings Plus® Design Solutions EXPANSE™**
**EXPANDED METAL SOLUTIONS**

### PERFORMANCE OPTIONS

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<th>Recycled Content</th>
<th>Maintenance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interior</td>
<td>Torsion Spring Tee Grid</td>
<td>Painted</td>
<td>Full</td>
<td></td>
<td>—</td>
<td>Up to 70% open</td>
<td>Up to 90% finish dependent</td>
<td>See architectural specification</td>
</tr>
</tbody>
</table>

### STANDARD SIZES

Torsion Spring Shown Available as lay-in panel for 15/16” DX Grid

- **24” x 48”**
- **24” x 72”**
- **30” x 30”**
- **24” x 96”**
- **30” x 60”**

### PARTS & ACCESSORIES

- **Main Tee**
- **Cross Tee**
- **Utility Channel**
- **Utility Channel Cap**
- **CL Clip**
- **Torsion Spring**
- **Torsion Spring Cover**
- **USG Logix™ Universal Yoke**

### PHYSICAL DATA

**Product Literature**
Please visit us online at www.usg.com or contact your local sales representative for the following documents:
- Architectural Specification
- Installation Manual
- Cleaning Instructions: IC518
- Check Sheet (Order Form)
- Warranty: SC2012

**Fire Classification**
ASTM E84 and CAN/ULC S102
Surface-burning characteristics
- Class A
- Flame Spread: 25 or less
- Smoke development: 50 or less

**Suspension System**
Expanse® suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Calculations to support slotted grid and heavy duty rating is available upon request.

**Seismic Compliance**
USG Ceilings Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C635 for all of its ceiling systems (as applicable). Full report is available upon request.

**Structural Test Reports**
USG Ceilings Plus has developed Expanse® ceiling systems to meet ASTM 635, ASTM 636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Integration**
Expanse® can accommodate a full range of LED lighting fixtures for any design intent. Air diffusers, speakers, sprinklers, and other ceiling attached accessories can also be integrated as well (independently suspended). CAD details are available online at www.usg.com.

**Modification:**
Panels are easily modified in the field. See our Installation Manual for details.
USG Ceilings Plus® BEAMZ™
INTERCONNECTED LINEAR MODULAR SUSPENDED CEILING SYSTEM

FEATURES AND BENEFITS
- Interconnected baffles assembled to create an open plenum.
- Third party integration of diffusers, lights, speakers, sprinklers, wifi, etc (independently suspended).
- Acoustical performance utilizing perforations and sound absorbing materials including Acoustibond™ and Ultrasorb.
- Standard and customizable perforations are available to create visual patterns.
- Design flexibility with varying panel profiles and layout options.
- Mounting options are threaded rod or hanger wire to deck.
- Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLICATIONS
- Interior and Exterior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Sloped Ceilings
- New Construction

To order samples, contact your local sales representative

SARANTE® - PVC FREE LAMINATE - ON METAL
- S11 Crème Ovang
- S21 Blond Teak
- S31 Golden Oak
- S2N Valley Maple
- S22 CP Maple
- S2N Honey Amore
- S2N Golden Birch
- S29 Red Birch
- S29 Natural Ovang
- S34 Cherry Amore
- S34 Cinnamon Cherry
- S3N Oak Line
- S3N Grey Cedar
- S3F Blond Pear
- S3T Dark Jatoba
- S36N European Cherry
- S36N Sable Oak
- S3T Dark Oak
- S27 Forest Walnut
- S26 Earth Rosewood
- S6 Recycled Walnut
- S28 Maple
- VG Fir
- White Oak
- Cherry
- Mahogany
- Walnut

ARBOREAL® - REAL WOOD VENEER - INTERIOR ONLY - ON METAL
- Maple
- VG Fir
- White Oak
- Cherry
- Mahogany
- Walnut

ANODIZED - ON METAL
- Knob
- Grau
- Silver

PAINTED - ON METAL
- Standard Silver
- Blanco Matte
- Flat White
- Custom

Notice: The information in this document may inadvertently appear in this publication. CGC Inc. or USG Corp. assumes no responsibility for any errors that may be made. Changes may be made at any time. Please contact your local sales representative for the following documents:

- Product Literature
- Technical Information
- System Guide
- Warranty: SC2102
- Installation Manual
- Architectural Specification

INTERNATIONAL BUILDING CODE standards for seismic categories A, B, C, D, E, F. Beamz™ main runners are suspended and braced, as required, with hangar brackets. Cross runners are suspended and field engage end hooks into engineered slots located in main runners. The plenum can be accessed through the openings between the baffles. The top edge of the Beamz™ baffles have runners. The plenum can be accessed through the openings between the baffles. The top edge of the Beamz™ baffles have

To order samples, contact your local sales representative

Contact your local sales rep.

To order samples, contact your local sales representative

SARANTE® - PVC FREE LAMINATE - ON METAL
- S11 Crème Ovang
- S21 Blond Teak
- S31 Golden Oak
- S2N Valley Maple
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- S3N Grey Cedar
- S3F Blond Pear
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- S36N European Cherry
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ARBOREAL® - REAL WOOD VENEER - INTERIOR ONLY - ON METAL
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ANODIZED - ON METAL
- Knob
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PAINTED - ON METAL
- Standard Silver
- Blanco Matte
- Flat White
- Custom

Contact your local sales rep.
Please contact your local sales representative for the following documents:

- Architectural Specification
- Installation Manual
- Cleaning Instructions: IC518
- Warranty: SC2102
- System Guide

**Fire Classification**

Beamz™ product line is Class A in accordance with ASTM E84.

**Suspension System**

Beamz™ suspension system is ICC approved in accordance with International Building Code standards for seismic categories A, B, C, D, E, F. Beamz™ main runners are suspended and braced, as required, with hangar brackets. Cross runners field engage end hooks into engineered slots located in main runners. The plenum can be accessed through the openings between the baffles. The top edge of the Beamz™ baffles have ¼” returned edges to give added strength to the profile.

**Seismic Compliance**

Seismic hanger clips are included to meet ASTM 635, ASTM 636 and typical local building code requirements. Full report is available upon request.

**Structural Test Reports**

USG Ceilings Plus has developed Beamz™ ceiling systems to meet ASTM 635, ASTM 636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

**Integration**

Beamz™ can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, sprinklers and other ceiling attached accessories can be independently attached to deck within our ceilings. CAD details are available online at www.ceilingsplus.com.

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
features and benefits

- Metal, welded or woven wire lay-in panels with powder-coated finish are abuse resistant and highly durable.
- Four Cell sizes, four unique Forms designs and six woven wire patterns, offer flexibility to meet design and budget needs. Custom configurations available.
- Combine with the USG GridWare™ Open Cell Decorative Suspension System to create custom ceiling system.
- Easy installation into standard USG Donn® Brand suspension systems.
- Easily accommodates lightweight signage.
- Custom colors and patterns available.

applications

- Interior Applications
- Pods, Islands, and Clouds
- Wall to Wall Ceilings
- Sloped Ceilings
- New Construction and Renovation

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

CUSTOM COLORS AVAILABLE

- High-Gloss White 1007
- Chrome 066
- Flat White 050
- Flat Black 205
- Silver Satin High-Gloss 002
- High-Gloss Red 2707
- High-Gloss Black 2708

126
USG WIREWORKS® OPEN CELL CEILING PANELS

PRODUCT INFORMATION

USG WIREWORKS®
OPEN CELL PANELS
2’X2’ 1/8” DIAMETER WIRE

USG WIREWORKS®
OPEN CELL FORMS
2’X2’ 3/16” DIAMETER WIRE

USG WIREWORKS™
OPEN CELL WOVEN
2’X2’ WITH VARIED WIRE SIZES

PHYSICAL DATA

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

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ORDER SAMPLES/LITERATURE
USG: usg.com or samplit@usg.com
CGC: contact Sales Representative
TECHNICAL SERVICES
800 USG-4YOU (874-4968)
FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com
FEATURES AND BENEFITS
• Open-cell suspension system painted 360°.
• Tees punched with only the necessary cross-tee holes for a clean look.
• Available in three standard grid profiles: 9/16", 15/16" and 1-1/2".
• Simple system readily accommodates standard lay-in light fixtures and air diffusers.
• Custom colors available.

APPLICATIONS
• Interior and Exterior Applications
• Pods, Islands, and Clouds
• Wall to Wall Ceilings
• Sloped Ceilings
• Curved Ceilings
• New Construction
**USG GRIDWARE™ OPEN CELL DECORATIVE SYSTEM**

**PRODUCT INFORMATION**

### Materials
- Double-web, hot-dipped galvanized steel body and steel cap with chromated cross-tee clip.
- 2’x2’ module: 2’x2’, 2’x4’ and 4’x4’ cells
- Other dimensions and configurations available. Contact your local USG Sales Representative for more information.

### Typical Sizes
- GWDX stocked in Flat Black, Flat White and Silver Satin prepainted, baked-on polyester paint finishes with exposed chromate cross-tee clips; touch-up paint is available to field-paint cross-tee clips to match the finish. Spray-painted, baked-on polyester finish with 100% tee coverage available as a special order.
- GWDXW and GWDXT available as a special order only; finish is spray-painted, baked-on polyester with 100% tee coverage.

### Finishes

#### GWDX
- 2’x2’ Openings

#### GWDXW
- 2’x4’ Openings

#### GWDXT
- 4’x4’ Openings

### FACE OPTIONS

#### GWDX
- **2’x2’ Openings**

#### GWDXW
- **2’x4’ Openings**

#### GWDXT
- **4’x4’ Openings**

### DESIGN OPTIONS

#### 24” Cross Tee (2’ x 2’ grid layout)

#### 48” Cross Tee, CP (2’ x 2’ grid layout)

#### 12’ Main Tee, 24” o.c. (2’ x 2’ & 2’ x 4’ grid layouts)

#### 48” Cross Tee, NP (2’ x 4’ & 4’ x 4’ grid layouts)

#### 12’ Main Tee, 48” o.c. (4’ x 4’ grid layout)

### PHYSICAL DATA

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CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**Recycled content**
USG GridWare™ suspension: 25% recycled content.

**Product literature**
Data sheet: IC312
Warranty: SC2102
Online tools usgdesignstudio.com or cgcdesignstudio.com

**Manufactured by**
USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

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**Safety First**
Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG Ceilings Plus® Waliforms™, Parti™, Finish: Kryolite
AC Irvine Marriott, Irvine, CA
Architect: HKS, Photo: ©John Woodcock
FEATURES AND BENEFITS

- Fully accessible system that allows access at every panel location.
- Third party integration of lights (independently attached to studs).
- Acoustical performance utilizing perforations and sound absorbing materials.
- Standard and customizable perforations are available to create visual patterns.
- Design flexibility with panel sizes and layout options.
- Slotted-hat channel or direct mount options are available.
- Drywall backer necessary below 5 feet to increase durability.
- Class A per ASTM E84, Zero Flame Spread, non-combustible aluminum core Fire Classification.

APPLICATIONS

- Interior and Exterior Applications
- Wall Applications
- Sloped Walls
- Curved Walls
- New Construction

To order samples, contact your local sales representative.
USG Ceilings Plus® WALLFORMSTM
FORMED WALL PANEL SYSTEM

Declare® Labels on select finishes, see usg.com for more details and documentation.

Order Samples/Literature
Contact your local sales rep.

Technical Services
Contact your local sales rep.

For Most Up-To-Date Technical Information and LEED Report Tool
Contact your local sales rep.

Performance Options

Design Parameters

Detail & Accessories

Physical Data

Product Literature
Please contact your local sales representative for the following documents:
- Architectural Specification
- Installation Manual
- Clearing Instructions
- Warranty
- System Data

Fire Classification
ASTM E84 and CAN/ULC S102 Surface burning characteristics
Class A
Flame Spread: 25 or less
Smoke development: 50 or less

Seismic Compliance
USG Ceiling Plus designs, engineers and manufactures ceiling systems using heavy duty rated tee bar suspension components as outlined in ASTM C633 for all of its ceiling systems (as applicable). Full report is available online at www.ceilingsplus.com.

Structural Test Reports
USG Ceilings Plus has developed Wallforms ceiling systems to meet ASTM 635, ASTM 636 and typical local building code requirements. Test reports for suspension system performance may be available upon written request.

Integration
Wallforms can accommodate a full range of Third-Party systems for any design intent. Air diffusers, speakers, and other accessories can be independently attached to studs behind our panels. CAD details are available online at www.ceilingsplus.com.

Modification
Panels are easily modified in the field with standard tools. See our full list of CAD details.

Acoustics
Utilizing perforations and sound absorbing materials, we can meet your NRC requirement with Acoustibond and/or Ultrasorb. Fiberglass batts and duct liner are available upon request.

Footnotes
* Available in exterior
** Available in 48” wide
*** Available in both exterior and 48” wide

Manufactured by
USG Interiors, LLC
510 West Adams Street
Chicago, IL 60661

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FEATURES AND BENEFITS

• Transform photographs, art and logos into perforated panels.
• Produce dramatic imagery on walls.
• No limit to image or mural size.
• Suitable for USG Celebration™ Snap-In Metal Panels.
• Images can be positive or negative for backlighting.
• Choose from three resolutions based on aesthetic or budget considerations.

APPLICATIONS

• Interior Applications
• Wall Mount
• New Construction
• Backlit Panels
USG PIXELS® WALL MOUNTED PANELS
PERFORATED IMAGERY

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

Limitation
Some commercially acceptable color variation may occur between lots and between different size products of the same color. For more information about metal ceiling finishes, refer to Metal Ceilings Technical Guidelines published by the Ceilings & Interior Systems Construction Association.

Notice
We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.
TRIM AND COMPONENTS

USG Orion™ 85 Acoustical Panels, Mars™ High-NRC Logix™ Acoustical Panels and Donn® Brand DX/DXL™ 15/16” Acoustical Suspension System
Cognizant Office in Irving, TX
Architect: IA INTERIOR ARCHITECTS
Photo: ©Thomas McConnell
USG COMPÄSSO™ STANDARD
PERIMETER TRIMS

FEATURES AND BENEFITS
• Creates free-form ceiling islands or fascias to define space and provide visual impact.
• Available in variable trim heights.
• Made to order; arrives on-site pre-engineered.
• Strong, durable and long-lasting steel construction.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• Custom Curved Radius and Length
• Quick Ship Straights
• New Construction or Renovation

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS
- Flat White 050
- Silver Satin 002
- Flat Black 205
- Coordinating Matte White 3766

POWDER-COATED METAL
- Powder White 3767

ANODIZED METAL
- Brushed Aluminum PA2

TIMBRE™
- Maple 4010
- VG Fir 4011
- Red Birch 4012
- Cherry 4013
- Walnut 4014
- Mahogany 4015

WOOD TONES™ - TEXTURED
- Beech 3810
- Dark Bamboo 3816
- Light Bamboo 3829
- Dark Cherry 3811
- Light Cherry 3812
- Maple 3813
- Red Oak 3814
- Walnut 3815

CUSTOM COLORS AVAILABLE
*Wood Tones available in profiles up to 8”
USG COMPÄSSO™ STANDARD

PERIMETER TRIMS

Materials

Steel (10” & 12” Aluminum)

Finishes

Painted, anodized, plated, powder coated

**USG COMPÄSSO™ Standard**

**Attachment Clip**

**USG COMPÄSSO™ Standard**

**High Recycled Content**

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**Product literature**

System guide: IC490
Data sheet: IC5404
Warranty: SC2102
Care and maintenance instructions: IC518
Installation guide: IC464

**Online tools**

usgdesignstudio.com or cgcdesignstudio.com

The Timbre finish used on Compasso™ Standard incorporates a coating manufactured by a third-party manufacturer which provides a 30-year limited warranty under the circumstances set forth in the warranty. This limited warranty is issued to USG Ceilings Plus, LLC and USG Interiors, LLC (“USG”). In the event our customer experiences a problem with the coating covered by the third-party manufacturer’s limited warranty, USG will use the information you provide to file a claim under the limited warranty.

**Manufactured by**

USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

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**Safety First**

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG C² PAIRED COMPÄSSO™
CHANNEL ACCENTS

FEATURES AND BENEFITS
• Unique, multifunctional ceiling accents combine form and function.
• Easily integrate lighting and signage; can also be used as way-finding devices.
• Available in straight and curved sections; three sizes: 4", 6" and 8".
• Easy to install; suspend from ceiling with hanger wire, cable or rods.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Sloped Installation
• Custom Curved Radius
• Quick Ship Straights
• New Construction or Renovation
• Custom Lighting
**USG C² PAIRED COMPÄSSO® CHANNEL ACCENTS**

**Products Information**

**CUSTOM DESIGNS**

Pre-engineered—no field cutting

**SIZE OPTIONS**

Narrow Reveal (5/8’’)

<table>
<thead>
<tr>
<th>Size</th>
<th>Narrow Reveal (5/8’)’</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’’</td>
<td>1 3/4’’</td>
</tr>
<tr>
<td>6’’</td>
<td>1 3/4’’</td>
</tr>
<tr>
<td>8’’</td>
<td>1 3/4’’</td>
</tr>
</tbody>
</table>

Wide Reveal (1-3/8’’)

<table>
<thead>
<tr>
<th>Size</th>
<th>Wide Reveal (1-3/8’)’</th>
</tr>
</thead>
<tbody>
<tr>
<td>6’’</td>
<td>2 1/2’’</td>
</tr>
<tr>
<td>8’’</td>
<td>2 1/2’’</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

- **Painted steel**
- **Flat White (050) and Silver Satin (002) are standard. Timbre™, Wood Tones and custom colors available.**

**Product Literature**

- System guide: IC400
- Data sheet: IC401
- Warranty: SC2102
- Care and Maintenance: IC518
- Installation: IC464

**Online tools**

usgdesignstudio.com or cgcdesignstudio.com

**Recycled content**

USG C² Paired Compässo™ Channel Accents: 25% recycled content.

**Notes**

1. Lighting is supplied by others.

**Notice**

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**Physical Content**

USG C² Paired Compässo™ Channel Accents: 25% recycled content.

**Notes**

1. Lighting is supplied by others.

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**Safety First!** Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
FEATURES AND BENEFITS
• Creates free-form ceiling islands or fascias to define space and provide visual impact.
• Available in variable trim heights.
• Made to order; arrives on-site pre-engineered.
• Strong, durable and long-lasting extruded aluminum construction.
• Compässo™ Elite for DXI™ available (straight only).
• Compässo™ Elite for DXI™ is recommended for use with full-size ceiling panels only.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• Custom Curved Radius and Length
• Quick Ship Straights
• New Construction or Renovation
### USG Compässö™ Elite

**Extruded Aluminum Perimeter Trims**

<table>
<thead>
<tr>
<th>Materials</th>
<th>Finishes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extruded Aluminum</td>
<td>Painted, powder coated</td>
</tr>
</tbody>
</table>

**USG Compässö™ Elite**

**Attachment Clip**

**System Overview**

#### 2"  4"  6"  8"  10"

- 2" for DXI
- 4" for DXI
- 6" for DXI
- 8" for DXI
- 10" for DXI

**Physical Data**

- **Low Emissions (VOC)**: CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
- **High Recycled Content**: USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

#### Specialties

- **System brochure**: IC400
- **Data sheet**: IC309
- **Warranty**: SC2102
- **Online tools**: usgdesignstudio.com or cgcdesignstudio.com

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USG COMPÄSSO™ SLIM PERIMETER TRIMS

FEATURES AND BENEFITS
• Creates a wide, low-profile, “picture frame” edge detail.
• Dramatically frames ceiling islands.
• An innovative alternative to traditional perimeter trim.
• Extruded aluminum with durable Flat White painted or powder-coated finish.
• Precision-engineered to fit USG Donn® Brand DX®, Centricitee™ DXT™, Identitee® DXI™ and Fineline® DXF™/DXFF™ suspension systems.
• Compatible with Square (SQ), Shadowline (SL) and Fineline (FL) acoustical panel edge profiles and drywall suspension systems.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• Quick Ship Straights and Corners
• New Construction or Renovation

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED FINISHES
- Flat White 050
- Silver Satin 012

POWDER-COATED FINISH
- Powder White 3767

CUSTOM COLORS AVAILABLE

Section Detail

2 11/16" x 4 7/16" x 3/16"
USG COMPÄSSO® SLIM PERIMETER TRIMS

**PRODUCT INFORMATION**

**Materials**
- Extruded aluminum

**Finishes**
- Baked-on polyester paint or powder-coated finish. Custom colors available.

**Reflect Plan**

**A. Splice Assembly**

**B. Edge Detail – USG Donn® Brand DX® and Centricitee™, Full Module, at Cross Tees**

**C. Inside Corner**

**D. Outside Corner**

**Low Emissions (VOC)**

EDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**PHYSICAL DATA**

**Product Literature**
- Data sheet: IC538
- Care and maintenance instructions: IC518
- Systems guide: IC464
- Online tools: usgdesignstudio.com or cgcdesignstudio.com

**Light Reflectance**
- Flat White .80 LR

**Drywall Suspension System**
- For USG Compässo™ Slim Perimeter Trim with drywall suspension applications, use the USG Compässo™ Elite Celebration™ Snap-In Clip with the USG Drywall Suspension System.

**Recycled Content**
- ≤50% recycled content; 100% recyclable.

**Notice**

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Manufactured by USG Interior, LLC
550 West Adams Street
Chicago, IL 60661

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SAFETY FIRST! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG COMPÄSSO™ ELITE FOR DRYWALL
EXTRUDED PERIMETER TRIMS

FEATURES AND BENEFITS
• USG Compässo™ Elite for Drywall is an extruded aluminum trim for creating drywall ceiling fascias.
• Easier to install than conventional drywall fascias.
• Available in 2-1/2", 4", 6" and 8" trim heights.
• Can be ordered in standard 10' lengths or custom engineered curves.
• Integrated taping flange for a clean, finished edge.
• Designed for 5/8" thick gypsum board.
• Works with USG Compässo™ Elite splice plates.
• Primer White can be field painted or sprayed with the USG Ensemble™ Spray Applied Finish to match the adjacent ceiling.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• Custom Curved Radius and Length
• Quick Ship Straights
• New Construction

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

USG COMPÄSSO™ ELITE FOR DRYWALL FINISH
Primer White
**USG COMPÄSSO® ELITE FOR DRYWALL**

**EXTRUDED PERIMETER TRIMS**

### COMPONENTS

**Trim Profiles**

<table>
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<tr>
<th>Item #</th>
<th>2-1/2”</th>
<th>4”</th>
<th>6”</th>
<th>8”</th>
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<td>CPALDWJT410</td>
<td>CPALDWJT610</td>
<td>CPALDWJT810</td>
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</table>

### Materials

- Extruded aluminum alloy

### Length

- 10’

### Finish

- Factory-applied, baked-on polyester conversion coat

### Low Emissions (VOC)

- CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

### INSTALLATION

1. Apply the bed and tape coat using USG Sheetrock® Brand Easy Sand Joint Compound and USG Sheetrock® Brand Paper Joint Tape.
2. Apply the fill coat using USG Sheetrock® Brand Easy Sand™ Joint Compound or USG Sheetrock® Brand Joint Compound.
3. Apply the finish coat using USG Sheetrock® Brand Joint Compound.

#### Note

Use USG Compässo™ Elite splice plates for joining pieces together.

### PHYSICAL DATA

- **Product literature**
  - Data sheet: AC3317
  - Installation guide: IC624
  - Warranty: SC2102
  - Care and Maintenance Instructions: IC518
  - Trim Systems Design Guide
  - Online tools: usgdesignstudio.com or cgcdesignstudio.com

- **Recycled content**
  - For details, see the LEED report tool at usgdesignstudio.com or cgcdesignstudio.com

- **Material**
  - Extruded aluminum alloy

**Notice**

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by the application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

**FINISHING RECOMMENDATIONS**

1. Apply the bed and tape coat using USG Sheetrock® Brand Easy Sand Joint Compound and USG Sheetrock® Brand Paper Joint Tape.
2. Apply the fill coat using USG Sheetrock® Brand Easy Sand® Joint Compound or USG Sheetrock® Brand Joint Compound.
3. Apply the finish coat using USG Sheetrock® Brand Joint Compound.

#### Note

Use USG Compässo™ Elite splice plates for joining pieces together.

**PHYSICAL DATA**

- **Product literature**
  - Data sheet: AC3317
  - Installation guide: IC624
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  - For details, see the LEED report tool at usgdesignstudio.com or cgcdesignstudio.com

- **Material**
  - Extruded aluminum alloy

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FEATURES AND BENEFITS
• USG Compäss® Elite for Drywall is an extruded aluminum trim for creating drywall ceiling fascias on USG Ensemble® Ceiling Systems.
• Easier to install than conventional drywall fascias.
• Available in 2-1/2", 4", 6" and 8" trim heights.
• Can be ordered in standard 10’ lengths or custom engineered curves.
• Integrated taping flange for a clean, finished edge.
• Designed to integrate with 5/8” USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels.
• Works with USG Compäss® Elite splice plates.
• Primer White must be field painted or sprayed with the USG Ensemble™ Spray Applied Finish to achieve desired look.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• Custom Curved Radius and Length
• Quick Ship Straights
• New Construction

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
USG COMPÄSSO™ ELITE FOR USG ENSEMBLE® ACOUSTICAL DRYWALL CEILING SYSTEM
EXTRUDED PERIMETER TRIMS - STRAIGHT

COMPONENTS
Trim Profiles
Item #

USG COMPÄSSO™ ELITE DRYWALL TRIM INSTALLATION FOR USG ENSEMBLE® CEILING SYSTEM

FINISHING RECOMMENDATIONS

PHYSICAL DATA

Notice
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USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

TECHNICAL SERVICES
800 USG-4YOU (874-4968)

USG Sheetrock Brand Easy Sand Joint Compound
USG Sheetrock Brand Easy Sand® Joint Compound
USG Sheetrock Brand Easy Sand® Ceiling Compound
USG Sheetrock Brand Sheetrock Easy Sand Joint Compound,
USG Sheetrock Brand Easy Sand® Joint Compound
USG Sheetrock Brand Easy Sand® Ceiling Compound
USG Sheetrock Brand Ensemble Ceiling Compound
USG Sheetrock Brand Ensemble Ceiling Compound
USG Sheetrock Brand Ensemble Ceiling Compound

RECOMMENDATIONS

1. Apply the bead and tape coat using USG Sheetrock Brand Easy Sand Joint Compound and USG Sheetrock Brand Paper Joint Tape.
2. Apply the fill coat using USG Sheetrock® Brand Easy Sand® Joint Compound or USG Sheetrock® Brand Ensemble™ Ceiling Compound.
3. Apply the finish coat using USG Sheetrock® Brand Ensemble™ Ceiling Compound.

Note
Use USG Compässo™ Elite splice plates for joining pieces together.

Product literature
Data sheet: AC28039 and AC3337
Installation guide: ICS04
Care and Maintenance Instructions: ICS58
Trim Systems Design Guide

Online tools
usgdesignstudio.com or cgcdesignstudio.com

ORDER SAMPLES/LITERATURE
USG: usg.com or samples@usg.com
CGC: contact Sales Representative

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com or cgcdesignstudio.com

Manufactured by
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SCALE: 6" = 1'-0"

Step 1
Step 2
Step 3
Step 4

1.0" 1.0" 1.0" 1.0"

Inside Corner - 12.75" x 12.75"
Outside Corner - 12" x 12"

2 COMPASSO ELITE DRYWALL TRIM
3 Compasso Elite Drywall Trim
4 COMPASSO ELITE DRYWALL TRIM

Hanger Wire
Cross Tee
Main Tee
Hanger Wire
Cross Tee
Main Tee
Hanger Wire
Cross Tee
Main Tee

Materials
Extruded aluminum alloy
Length
10"
Finish
Factory-applied, baked-on polyester conversion coat
Factory-Welded Corners

1 COMPASSO ELITE DRYWALL TRIM
2 COMPASSO ELITE DRYWALL TRIM
3 COMPASSO ELITE DRYWALL TRIM
4 COMPASSO ELITE DRYWALL TRIM

Step 1
Step 2
Step 3
Step 4

Hanger Wire
Cross Tee
Main Tee
Hanger Wire
Cross Tee
Main Tee
Hanger Wire
Cross Tee
Main Tee

USG Sheetrock Brand Ensemble Ceiling Compound
USG Sheetrock Brand Ensemble Ceiling Compound
USG Sheetrock Brand Ensemble Ceiling Compound
USG Sheetrock Brand Ensemble Ceiling Compound

USG Sheetrock Brand Paper Joint Tape,
USG Sheetrock Brand Paper Joint Tape,
USG Sheetrock Brand Paper Joint Tape,
USG Sheetrock Brand Paper Joint Tape,

USG Sheetrock Brand Easy Sand Joint Compound,
USG Sheetrock Brand Easy Sand Joint Compound,
USG Sheetrock Brand Easy Sand Joint Compound,
USG Sheetrock Brand Easy Sand Joint Compound,

1/4" 1/4" 1/4" 1/4"

Recycled content
Material
Extruded aluminum alloy

Cleaning & Maintenance
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FEATURES AND BENEFITS
• USG Compässo™ Elite Transitions are extruded aluminum trims for creating elevation change fascias between differing ceiling planes.
• Easier to install than conventional drywall fascias.
• Available for drywall lower to acoustical upper and acoustical to acoustical ceiling transitions.
• Drywall transition has an integrated taping flange for a clean, finished edge.
• Designed for 5/8” thick gypsum board.
• Compatible with all USG Donn® Brand Suspension Systems and USG Drywall Suspension Systems.
• Works with USG Compässo™ Elite attachment clips and splice plates.

APPLICATIONS
• Interior Applications
• Wall to Wall Ceilings
• Quick Ship Straights
• New Construction

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
Other colors available by special order.

PAINTED COLORS
Flat White
050

CUSTOM COLORS AVAILABLE
### USG COMPÄSSO™ ELITE TRANSITIONS

**PRODUCT INFORMATION**

<table>
<thead>
<tr>
<th>Materials</th>
<th>Length</th>
<th>Finishes</th>
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<tr>
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<td>10 ft.</td>
<td>Factory-applied powder-coated polyester finish</td>
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**TRIM PROFILES**

**USG Compässo™ Elite AAS**
- Acoustical to Acoustical

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<tr>
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<td>3.0&quot;</td>
<td>.34&quot;</td>
</tr>
<tr>
<td>4&quot; - ALSTACAC410</td>
<td>4.0&quot;</td>
<td>.34&quot;</td>
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<tr>
<td>5&quot; - ALSTACAC510</td>
<td>5.0&quot;</td>
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<tr>
<td>6&quot; - ALSTACAC610</td>
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**USG Compässo™ Elite DAS**
- Drywall Lower to Acoustical Upper

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<td>.34&quot;</td>
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<tr>
<td>4&quot; - ALSTFACAC410</td>
<td>4.0&quot;</td>
<td>.34&quot;</td>
</tr>
<tr>
<td>5&quot; - ALSTFACAC510</td>
<td>5.0&quot;</td>
<td>.34&quot;</td>
</tr>
</tbody>
</table>

**ATTACHMENT DETAILS**

**USG Compässo™ Elite AAS**

- Acoustical main or cross tee
- USG Compässo™ Elite AAS trim
- CPA1AC1 USG Compässo™ clip
- Acoustical panel
- Pan head screw

**USG Compässo™ Elite DAS**

- Acoustical main or cross tee
- USG Compässo™ Elite DAS
- CPA1AC1 clip
- Acoustical panel
- Pan head screw
- Drywall screws as needed
- Setting type joint compound and mesh tape
- DGL/DGLW main or cross tee

**IMPORTANT:**

Taping flange must be lightly sanded before applying joint compound. For complete installation instructions, refer to USG Compässo™ Elite Transitions Installation Guide (IC624).

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**PHYSICAL DATA**

- **Material:** Extruded aluminum alloy.
- **Light Reflectance:** Flat White .80 LR
- **Light Source:** 60W
- **Sustainability:** USG and CGC are dedicated to sustainable practices and encourage customers to choose environmentally friendly products.
USG COMPÄSSO™ ELITE
PERIMETER TRIMS WITH ISLAND ACCENT LIGHTING

FEATURES AND BENEFITS
• Creates free-form ceiling islands with uplighting.
• Accommodates GE’s Accent lighting modules.
• Available on all engineered USG Compässo™ Elite designs.
• Unique flexible track accommodates curved island designs.
• Proprietary clip attaches to USG Compässo™ Elite trim and provides cradle track and lights with exact angle for optimal lighting results.
• Designed together to work together.
• Available with USG Compositions® Decorative Clouds.

APPLICATIONS
• Interior Applications
• Pods, Islands, and Clouds
• Sloped Ceilings
• Custom Curved Radius and Length
• Quick Ship Straights
• New Construction or Renovation

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METALS
- Flat White 050
- Silver Satin 002

CUSTOM COLORS AVAILABLE
USG COMPÄSSO® ELITE
PERIMETER TRIMS WITH ISLAND ACCENT LIGHTING

FINISHES

Standard colors, Advantage colors and custom colors

PERSPECTIVE

USG Compässo™ Elite LED channel clip
USG Compässo™ Elite LED “F” moulding
USG Compässo™ Elite attachment clip
Cross tee
Main tee
USG strip lighting
USG Compässo™ Elite trim

4” 6” 8” 10”

4”

6”

8”

10”

3/4”

3/4”

3/4”

3/4”

LEGEND

AL Clip
AL Flexible Track
AL Lighting

Product literature
System brochure: IC400
Data sheet: IC612
Warranty: SC2102
Care and maintenance instructions: IC818
Installation guide: IC464
Trim systems design guide

Light Reflectance
Flat White .80 LR

Recycled content
Available from GE.
GE LED Accent-Gen 2

See the USG Sustainability Tool on usg.com or cgcinc.com.

PHYSICAL DATA

PERIMETER TRIMS WITH ISLAND ACCENT LIGHTING

ATTACHMENT CLIP

Clip and Track

USG Compässo™ Elite Accent Lighting Assembly

AL Clip
AL Flexible Track
AL Lighting

4” 6” 8” 10”

Manufactured by USG Interiors, LLC
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COMPÄSSO™ ELITE BUILDING PERIMETER SYSTEMS: CURTAIN POCKETS

FEATURES AND BENEFITS
- High aesthetic appeal for integrating utilities at building perimeters.
- Fast efficient installation with multiple mounting options.
- Made with the precision of extruded aluminum.
- Seamless integration with USG Ceiling Systems.

APPLICATIONS
- Interior Applications
- Wall to Wall Ceilings
- Wall Applications
- New Construction

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PAINTED METAL
- Flat White 050
### 3-Sided Curtain Pocket with Acoustical Flange with Integrated Framing Channel

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<tbody>
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<td>5” x 5” x 5”</td>
<td>120”</td>
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<td>277997</td>
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<td>12” x 5” x 12”</td>
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<tr>
<td>277998</td>
<td>Inside Corner with Acoustical Flange</td>
<td>12” x 5” x 12”</td>
<td>12.75”</td>
</tr>
<tr>
<td>278071</td>
<td>Right Hand End Cap with Acoustical Flange</td>
<td>5” x 5”</td>
<td></td>
</tr>
<tr>
<td>278072</td>
<td>Left Hand End Cap with Acoustical Flange</td>
<td>5” x 5”</td>
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### 3-Sided Curtain Pocket with Acoustical Flange for Traditional Metal Framing

<table>
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<td>278002</td>
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<td>12” x 5” x 12”</td>
<td>12”</td>
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<tr>
<td>278003</td>
<td>Inside Corner with Acoustical Flange</td>
<td>12” x 5” x 12”</td>
<td>12.75”</td>
</tr>
<tr>
<td>278071</td>
<td>Right Hand End Cap with Acoustical Flange</td>
<td>5” x 5”</td>
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</tr>
<tr>
<td>278072</td>
<td>Left Hand End Cap with Acoustical Flange</td>
<td>5” x 5”</td>
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**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
### 3-Sided Curtain Pocket with Drywall Flange with Integrated Framing Channel

<table>
<thead>
<tr>
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<td>278009</td>
<td>Outside Corner with Drywall Flange</td>
<td>12” x 5” x 12”</td>
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<tr>
<td>278000</td>
<td>End Cap for Drywall Flange</td>
<td>5” x 5”</td>
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</tr>
</tbody>
</table>

### 3-Sided Curtain Pocket with Drywall Flange for Traditional Metal Framing

<table>
<thead>
<tr>
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<td>12” x 5” x 12”</td>
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<td>278031</td>
<td>Inside Corner with Drywall Flange</td>
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<td>278000</td>
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### 3-Sided Curtain Pocket with Dual Acoustical Flanges for Traditional Metal Framing

<table>
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<tr>
<td>278070</td>
<td>Interchangeable Corner with Dual Acoustical Flange</td>
<td>12” x 5” x 12”</td>
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<td>End Cap for Dual Acoustical Flanges</td>
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</table>

Low Emissions (VOC)  
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
### 3-Sided Curtain Pocket with Dual Drywall Flanges for Traditional Metal Framing

<table>
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<tr>
<th>Item</th>
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<td>278069</td>
<td>Interchangeable Corner with Dual Drywall Flanges</td>
<td>12” x 5” x 12”</td>
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<tr>
<td>278033</td>
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### 3-Sided Curtain Pocket with Extension Connector Flange with Integrated Framing Channel

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<td>3-Sided Pocket with Extension Connector Flange</td>
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<td>Inside Corner with Extension Connector Flange</td>
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### 3-Sided Curtain Pocket with Acoustical Flange with Integrated Framing Channel

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<td>278618</td>
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<td>278620</td>
<td>Seismic Left-Hand End Cap with Acoustical Flange</td>
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</table>

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Size</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>278036</td>
<td>2-Sided Pocket with Acoustical Flange</td>
<td>5&quot; x 5&quot; x 5&quot;</td>
<td>120°</td>
</tr>
<tr>
<td>278044</td>
<td>Outside Corner with Acoustical Flange</td>
<td>12&quot; x 5&quot; x 12&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>278045</td>
<td>Inside Corner with Acoustical Flange</td>
<td>12&quot; x 5&quot; x 12&quot;</td>
<td>12.75&quot;</td>
</tr>
<tr>
<td>278071</td>
<td>Right Hand End Cap with Acoustical Flange</td>
<td>5&quot; x 5&quot;</td>
<td></td>
</tr>
<tr>
<td>278072</td>
<td>Left Hand End Cap with Acoustical Flange</td>
<td>5&quot; x 5&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Low Emissions (VOC)**
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
### 1-Sided Curtain Pocket with Acoustical Flange

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Width</th>
<th>Height</th>
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<tbody>
<tr>
<td>278066</td>
<td>1-Sided Pocket with Acoustical Flange</td>
<td>3-1/2”</td>
<td>120”</td>
</tr>
</tbody>
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### 2-Sided Curtain Pocket with Extension Connector Flange for Traditional Metal Framing

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
<th>Width</th>
<th>Height</th>
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<tbody>
<tr>
<td>278050</td>
<td>2-Sided Pocket with Extension Connector Flange</td>
<td>5” x 5”</td>
<td>120”</td>
</tr>
<tr>
<td>278051</td>
<td>Outside Corner with Extension Connector Flange</td>
<td>12” x 5” x 12”</td>
<td>12”</td>
</tr>
<tr>
<td>278052</td>
<td>Inside Corner with Extension Connector Flange</td>
<td>12” x 5” x 12”</td>
<td>12.75”</td>
</tr>
<tr>
<td>278011</td>
<td>End Cap for Extension Connector Flange</td>
<td>5” x 5”</td>
<td></td>
</tr>
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### Accessories

<table>
<thead>
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<th>Description</th>
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<tr>
<td>Closure Plates</td>
<td>2”</td>
<td>3”</td>
</tr>
<tr>
<td>Item Number</td>
<td>277981</td>
<td>277994</td>
</tr>
<tr>
<td>Pocket Extensions</td>
<td>4”</td>
<td>6”</td>
</tr>
<tr>
<td>Item Number</td>
<td>277976</td>
<td>277977</td>
</tr>
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</table>

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
### Accessories

<table>
<thead>
<tr>
<th>Item</th>
<th>Code</th>
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<tbody>
<tr>
<td>Mounting Cleat</td>
<td>277980</td>
</tr>
<tr>
<td>Attachment Clip</td>
<td>279543</td>
</tr>
<tr>
<td>Seismic Attachment Clip</td>
<td>278621</td>
</tr>
<tr>
<td>Splice Plate</td>
<td>279540</td>
</tr>
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</table>

### Sample Submittal Kits

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>600859</td>
<td>3-Sided Curtain Pocket with Acoustical Flange</td>
</tr>
<tr>
<td>600939</td>
<td>3-Sided Seismic Curtain Pocket with Acoustical Flange</td>
</tr>
<tr>
<td>600879</td>
<td>3-Sided Curtain Pocket with Drywall Flange</td>
</tr>
<tr>
<td>600898</td>
<td>3-Sided Curtain Pocket with Extension Connector Flange for Acoustical Flange</td>
</tr>
<tr>
<td>600929</td>
<td>2-Sided Curtain Pocket with Acoustical Flange</td>
</tr>
<tr>
<td>600929</td>
<td>2-Sided Curtain Pocket with Extension Connector Flange for Acoustical Flange</td>
</tr>
</tbody>
</table>

### Typical Application Details:

**2-Sided Curtain Pocket with Acoustical Flange and Integrated Framing Channel**

![Diagram of 2-Sided Curtain Pocket with Acoustical Flange and Integrated Framing Channel]

- WALL MOUNTING CLEAT
- HANGER WIRE
- 2-SIDED PERIMETER POCKET
- EQUIPMENT BY OTHERS
- COMPASSO ELITE ATTACHMENT CLIP @ EA. TEE, TYP.
- GRID & TILE AS SPECIFIED
- OPTIONAL CLOSURE PLATE
- METAL STUD FRAMING WITH KICKERS
- INTEGRAL FRAMING CHANNEL
- 2-SIDED PERIMETER POCKET
- EQUIPMENT BY OTHERS
- COMPASSO ELITE ATTACHMENT CLIP @ EA. TEE, TYP.
- GRID & TILE AS SPECIFIED
- OPTIONAL CLOSURE PLATE

**Typical Application Details:**

**3-Sided Curtain Pocket with Acoustical Flange for Traditional Metal Framing**

![Diagram of 3-Sided Curtain Pocket with Acoustical Flange for Traditional Metal Framing]

- STUD KICKERS @ 48" O.C.
- METAL STUD FRAMING
- BLOCKING
- 3-SIDED PERIMETER POCKET
- EQUIPMENT BY OTHERS
- COMPASSO ELITE ATTACHMENT CLIP @ EA. TEE, TYP.
- SWISS GRID
- SHEETROCK®
- OPTIONAL CLOSURE PLATE

---

Low Emissions (VOC)

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
Typical Application Details:
3-Sided Curtain Pocket with Dual Drywall Flanges for Traditional Metal Framing

3-Sided Curtain Pocket with Drywall Flange and Integrated Framing Channel

1-Sided Curtain Pocket with Acoustical Flange

3-Sided Curtain Pocket with Extension Connector with Acoustical Flange and Integrated Framing Channel

3-Sided Seismic Curtain Pocket with Extension Connector with Acoustical Flange and Integrated Framing Channel

In Seismic Categories C, D-F, USG Curtain Pockets need to be installed on the floating side. Spaced should be configured to ensure wall with USG Curtain Pockets is floating.
USG ENSEMBLE® ACOUSTICAL DRYWALL CEILING—SUSPENDED SYSTEM
SEAMLESS APPEARANCE WITH EXCELLENT ACOUSTIC PERFORMANCE

FEATURES AND BENEFITS

• Monolithic appearance with fine finish in standard white and custom colors.
• System installed on economical, suspended USG Drywall T-Bar grid.
• Perforated USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels, USG High-NRC Backer Panels and acoustically transparent USG Ensemble™ Spray-Applied Finish optimize sound absorption - NRC 0.80, CAC 40.
• Installs and finishes using traditional drywall techniques and USG Ensemble™ Spray-Applied Finish.
• Up to 50% lower installed cost versus acoustical plaster systems.
• Backed by USG’s advanced design and engineering, certified installer and sales support network, and full system warranty.

APPLICATIONS

• Lobbies
• Atria
• Concourses
• Museums
• Performing arts spaces
• Corporate interiors
• Board rooms/ executive offices
• Classrooms/higher education
• Hospitality
• Restaurants

STANDARD COLOR

Flat White 050

CUSTOM COLORS AVAILABLE

Unlimited Color Options

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
USG ENSEMBLE® ACOUSTICAL DRYWALL CEILING—SUSPENDED SYSTEM

Performance Data

<table>
<thead>
<tr>
<th>Base Panel</th>
<th>Backer Panel</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Fire Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels</td>
<td>1&quot; USG Ensemble® High-NRC Panels</td>
<td>0.80</td>
<td>40</td>
<td>.85</td>
<td>Class A</td>
</tr>
</tbody>
</table>

System Components

<table>
<thead>
<tr>
<th>Products</th>
<th>Item Number</th>
<th>Sizes</th>
<th>Packaging</th>
<th>Quantity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Drywall Suspension Main Tees</td>
<td>DGLW26</td>
<td>12'</td>
<td>16-pc. carton</td>
<td>192 LF/ctn</td>
<td>Main tees 48&quot; o.c.</td>
</tr>
<tr>
<td>USG Drywall Suspension Cross Tees</td>
<td>DGLW424</td>
<td>4'</td>
<td>48-pc. carton</td>
<td>192 LF/ctn</td>
<td>Cross tees 24&quot; o.c.</td>
</tr>
<tr>
<td>5/8&quot; USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels</td>
<td>ENSPNL96, ENSPNL120</td>
<td>5/8&quot; x 4' x 8', 5/8&quot; x 4' x 10'</td>
<td>26-pc. unit</td>
<td>8’–832 sq. ft./unit 10’–1040 sq. ft./unit</td>
<td>Gypsum panel highly engineered to perform like an acoustical ceiling panel</td>
</tr>
<tr>
<td>1&quot; USG Ensemble® High-NRC Backer Panels</td>
<td>ENSHINRC</td>
<td>1&quot; x 23.5&quot; x 47.75'</td>
<td>4-pc. unit</td>
<td>31.3 sq. ft./carton 21.33 sq. ft./carton</td>
<td>Acoustical base mat for High-NRC/High-CAC</td>
</tr>
<tr>
<td>USG Sheetrock® Brand Paper Joint Tape</td>
<td>—</td>
<td>250' roll</td>
<td>2 rolls per carton</td>
<td>5,000 LF/ctn</td>
<td>Specialty formulated paper tape</td>
</tr>
<tr>
<td>USG Sheetrock® Brand All Purpose Joint Compound</td>
<td>USAPJC</td>
<td>4.5-gal. pail</td>
<td>Single pail 48-pail pallet</td>
<td>216 gal./pallet</td>
<td>Coverage 100 sq. ft./gal. 450 sq. ft./4.5-gal. pallet</td>
</tr>
<tr>
<td>USG Sheetrock® Brand Ensemble™ Ceiling Compound</td>
<td>ENSCJC</td>
<td>4.5-gal. pail</td>
<td>Single pail 48-pail pallet</td>
<td>216 gal./pallet</td>
<td>Coverage 106 sq. ft./gal. 480 sq. ft./4.5-gal. pallet</td>
</tr>
<tr>
<td>USG Ensemble™ Spray-Applied Finish, White, Custom Colors</td>
<td>ENSPRAF</td>
<td>4.5-gal. pail</td>
<td>Single pail 48-pail pallet</td>
<td>216 gal./pallet</td>
<td>Coverage 80-100 sq. ft./4.5-gal. pallet</td>
</tr>
</tbody>
</table>

Custom Color Matching - Specifier to provide a color number from one of the following:

- Benjamin Moore®
- Sherwin-Williams®
- PANTONE®

Recommended Instructions

1. Minimum order quantity for USG Ensemble™ Spray-Applied Finish is 8 pails.
2. Request custom color samples through your local USG Ensemble® sales representative.
3. Allow three weeks to receive custom color sample.
4. Once the color sample is approved and the order is placed by the purchaser, allow three weeks for the custom-colored USG Ensemble™ Spray-Applied Finish to ship with the USG Ensemble® Acoustical Drywall order.
5. The USG Ensemble® Spray-Applied Finish is similar to flat finish paint in sheen. Different sheens are not offered at this time.
6. Certain very deep tone colors or certain very bright colors may not be possible to match. USG will be able to determine at the time of the custom color sample request.

Design Guide

Download SC5075 at usg.com/ensemble

ASTM E1264 Classification

Type XX - Gypsum, Pattern G Fire Class A

Weight

Total System weight 3.2 lb/ft²

Maintenance

Download SC5048 at usg.com/ensemble

ASTM E84 and CAN/ULC S102 surface-burning characteristics

Class A

Flame Spread: 25 or less
Smoke developed: 50 or less

Notice

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USG: usg.com or samplit@usg.com
CGC: contact Sales Representative

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Printed in USA
FEATURES AND BENEFITS
• Monolithic appearance with fine finish in standard white and custom colors.
• Z-Furring framing system enables the USG Ensemble® ceiling system to be directly mounted.
• Perforated USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels, USG High-NRC Backer Panels and acoustically transparent USG Ensemble™ Spray-Applied Finish optimize sound absorption in the system; NRC 0.80.
• Installs and finishes using traditional drywall techniques and USG Ensemble™ Spray-Applied Finish.
• Backed by USG’s design and engineering, certified installer and sales support network and full system warranty.

APPLICATIONS
• Lobbies
• Atria
• Concourses
• Museums
• Performing arts spaces
• Corporate interiors
• Board rooms/executive offices
• Classrooms/higher education
• Hospitality
• Restaurants
USG ENSEMBLE® ACOUSTICAL DRYWALL CEILING—DIRECT MOUNT SYSTEM

PERFORMANCE DATA

- **Base Panel**: Improves sound absorption properties.
- **Furring**: Decreases sound transmission through the ceiling.
- **Backer Panel**: Provides structural support and sound reduction.
- **NRC**: Noise Reduction Coefficient, measures sound absorption.
- **LR**: Sound Absorption Class, indicates sound absorption capability.
- **Fire Performance**: Class A, indicates fire resistance.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Item Number</th>
<th>Sizes</th>
<th>Packing</th>
<th>Quantity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” 20 ga. Z-Furring* (by others)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>24” o.c. framing</td>
</tr>
<tr>
<td>Insulation Impaling Clip* (by others, AST Acoustics or equal)</td>
<td>ENSPNL96, ENSPNL120</td>
<td>5” x 4’ x 8’; 5” x 4’ x 10’</td>
<td>26-pc. unit</td>
<td>8’-832 sq. ft./unit; 10’-1040 sq. ft./unit</td>
<td>Two clips for each backer panel</td>
</tr>
<tr>
<td>1” USG Ensemble® High-NRC Backer Panels</td>
<td>ENSHINRC</td>
<td>1” x 23.5” x 47.75”</td>
<td>4-pc. unit</td>
<td>31.3 sq. ft./carton</td>
<td>Acoustical base mat for High-NRC/High-CAC</td>
</tr>
<tr>
<td>USG Sheetrock® Brand Paper Joint Tape</td>
<td>—</td>
<td>250’ roll</td>
<td>20 rolls per carton</td>
<td>5,000 LF/ctn</td>
<td>Specially formulated paper tape</td>
</tr>
<tr>
<td>USG Sheetrock® Brand All Purpose Joint Compound</td>
<td>USAPJC</td>
<td>4.5-gal. pail</td>
<td>Single pail; 48-pail pallet</td>
<td>216 gal./pallet</td>
<td>Coverage 100 sq. ft./gal.; 450 sq. ft./4.5-gal. pail</td>
</tr>
<tr>
<td>USG Sheetrock® Brand Ensemble™ Ceiling Compound</td>
<td>ENSJC</td>
<td>4.5-gal. pail</td>
<td>Single pail; 48-pail pallet</td>
<td>216 gal./pallet</td>
<td>Coverage 106 sq. ft./gal.; 480 sq. ft./4.5-gal. pail</td>
</tr>
<tr>
<td>USG Ensemble™ Spray-Applied Finish, White, Custom Colors</td>
<td>ENSSPRAF</td>
<td>4.5-gal. pail</td>
<td>Single pail; 48-pail pallet</td>
<td>216 gal./pallet</td>
<td>Coverage 80-100 sq. ft./4.5-gal. pail</td>
</tr>
</tbody>
</table>

**SYSTEM COMPONENTS**

*Refer to Z-Furring and Impaling Clip manufacturer’s literature.

**USG ENSEMBLE® ACOUSTICAL DRYWALL COLOR PROGRAM**

Acoustical Drywall Ceiling and Wall systems are available in white and by custom color matching through the following companies:

- Benjamin Moore®
- Sherwin-Williams®
- PANTONE®

**PHYSICAL DATA**

- Design Guide: Download SC5075 at usg.com/ensemble
- ASTM E1264 Classification
  - Type XX – Gypsum, Pattern G
  - Fire Class A
- Weight
  - Total System weight 3.2 lb/ft²
- Maintenance: Download SC5048 at usg.com/ensemble
- **Limitations**
  - For interior ceilings only.
  - Not for use in areas subject to continuous high heat and/or humid conditions.
  - Install according to Section 5 Environmental Conditions listed in ASTM CB40.
  - In order to ensure installed performance, component substitutions should not be permitted.

**USG Interiors, LLC**
550 West Adams Street
Chicago, IL 60661

**CGC**
550 West Adams Street
Chicago, IL 60661

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**SC5048/rev. 6-22**

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**USG: samplit@usg.com**
800 USG.4YOU (874-4968)
CGC: contact Sales Representative

**SC5075**

**usg.com/ensemble**
USG ENSEMBLE® ACOUSTICAL DRYWALL—DIRECT MOUNT WALL SYSTEM
SEAMLESS APPEARANCE WITH EXCELLENT ACOUSTIC PERFORMANCE

FEATURES AND BENEFITS
• Monolithic appearance with fine finish in standard white and custom colors.
• Z-Furring framing system enables the USG Ensemble® wall system to interior stud/drywall or masonry partitions.
• Install above 7 feet to minimize contact or damage to finished acoustical wall.
• Perforated USG Sheetrock® Brand Ensemble™ Four-Sided Taper Panels, USG High-NRC Backer Panels and acoustically transparent USG Ensemble® Spray-Applied Finish optimize sound absorption in the system; NRC 0.80.
• Improves STC of interior stud/drywall partition systems by up to 6 points.
• Installs and finishes using traditional drywall techniques and USG Ensemble Spray-Applied Finish.
• Backed by USG’s advanced design and engineering, certified installer and sales support network and full system warranty.

APPLICATIONS
• Lobbies
• Atria
• Concourses
• Museums
• Performing arts spaces
• Corporate interiors
• Board rooms/ executive offices
• Classrooms/ higher education
• Hospitality
• Restaurants

STANDARD COLOR
Flat White
050

CUSTOM COLORS AVAILABLE
Unlimited Color Options

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
USG ENSEMBLE® ACOUSTICAL DRYWALL—DIRECT MOUNT WALL SYSTEM

**SYSTEM DETAILS**

USG Ensemble® can be direct mounted to a wall or a vertical surface and used as an acoustical treatment on interior partitions above 7 feet. It can be attached to a new or existing wood or steel stud drywall partition or masonry wall to reduce reverberation. See USG Ensemble® Design Guide for installation details.

**PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Base Panel</th>
<th>Furring</th>
<th>Backer Panel</th>
<th>NRC</th>
<th>LR</th>
<th>Fire performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels</td>
<td>1&quot; Z</td>
<td>1&quot; USG Ensemble® High-NRC</td>
<td>0.80</td>
<td>.85</td>
<td>Class A</td>
</tr>
</tbody>
</table>

Ensemble Direct Mount shall be properly fastened to framing, and considerations shall be given to the load-carrying capacity of the framing system.

**SYSTEM COMPONENTS**

*Refer to Z-Furring and Impaling Clip manufacturer’s literature.

**PHYSICAL DATA**

- **Product:** 1” 20 ga. Z-Furring* (by others, AST Acoustics or equal)
- **Item Number:** —
- **Sizes:** —
- **Packaging:** —
- **Quantity:** —
- **Notes:** 24” o.c. framing

- **Insulation Impaling Clip** (by others, AST Acoustics or equal)
- **Item Number:** —
- **Sizes:** —
- **Packaging:** —
- **Quantity:** —
- **Notes:** One clip for each backer panel

- **5/8” USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels**
- **Item Number:** ENSPNL96, ENSPNL120
- **Packaging:** —
- **Quantity:** —
- **Notes:** Gypsum panel highly engineered to perform like an acoustical ceiling panel

**Notice**

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**SYSTEM COMPONENTS**

*Refer to Z-Furring and Impaling Clip manufacturer’s literature.

**LIMITATIONS**

1. For interior partitions only. Install above 7 feet to minimize contact or damage.
2. Not for use in areas subject to continuous high heat and/or humid conditions.
3. Install according to Section 5 Environmental Conditions listed in ASTM C840.
4. In order to ensure installed performance, component substitutions are not permitted.

**CUSTOM COLOR MATCHING—SPECIFIER TO PROVIDE A COLOR NUMBER FROM ONE OF THE FOLLOWING:**

- Benjamin Moore®
- Sherwin-Williams®
- PANTONE®

**Recommended Instructions:**

1. Minimum order quantity for USG Ensemble™ Spray-Applied Finish is 6 pails.
2. Request customer color samples through your local USG Ensemble® sales representative.
3. Allow three weeks to receive customer color sample.
4. Once the color sample is approved and the order is placed by the purchaser, allow three weeks for the custom-colored USG Ensemble® Spray-Applied Finish to ship with the USG Ensemble® Acoustical Drywall order.
5. The USG Ensemble™ Spray-Applied Finish is similar to flat finish paint in sheen. Different sheens are not offered at this time.
6. Certain very deep tone colors or certain very bright colors may not be possible to match. USG will be able to determine at the time of the custom color sample request.

**Design Guide**

Download SC5057 at usg.com/ensemble

**ASTM E1264 Classification**

Type XX – Gypsum, Pattern G, Fire Class A

**Weight**

Total system weight 3.2 lb/ft²

**Maintenance**

Download SC5048 at usg.com/ensemble

**ASTM E84 and CAN/ULC S102 surface-burning characteristics**

Class A Flame Spread: 25 or less
Smoke developed: 50 or less
FEATURES AND BENEFITS

- Suitable for return-air ceiling plenum with differential pressure when direct mounted with 1” Z Furring channel to fire taped suspended or direct mounted drywall ceiling. All penetrations must be sealed with Sheetrock® Brand Firecode® Smoke-Sound Sealant.
- Monolithic appearance with fine finish in standard white and custom colors.
- Perforated USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels, USG High-NRC Backer Panels and acoustically transparent USG Ensemble™ Spray-Applied Finish optimize sound absorption in the system; NRC 0.80.
- Installs and finishes using traditional drywall techniques and USG Ensemble™ Spray-Applied Finish.
- Backed by USG’s design and engineering, certified installer and sales support network and full system warranty.

APPLICATIONS

- Lobbies
- Atria
- Concourses
- Museums
- Performing arts spaces
- Corporate interiors
- Board rooms/ executive offices
- Classrooms/ higher education
- Hospitality
- Restaurants

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLOR

- Flat White
- 050

CUSTOM COLOR

- Unlimited Color Options
The USG Ensemble® Acoustical Drywall Ceiling and Wall systems are available in white and by custom color matching through the following companies:

1. Benjamin Moore®
2. Sherwin-Williams®
3. PANTONE®

**How the program works:**
1. Minimum order quantity for USG Ensemble™ Spray-Applied Finish is 8 pails.
2. Request customer color samples through your local USG Ensemble™ sales representative.
3. Allow three weeks to receive custom color sample.
4. Once the color sample is approved and the order is placed by the purchaser, allow three weeks for the custom-colored USG Ensemble™ Spray-Applied Finish to ship with the USG Ensemble® acoustical drywall order.
5. The USG Ensemble™ Spray-Applied Finish is similar to flat finish paint in sheen. Different sheens are not offered at this time.
6. Certain very deep tone colors or certain very bright colors may not be possible to match. USG will be able to determine at the time of the custom color sample request.

**Limitations:**
1. For interior ceilings only.
2. Suitable for return-air ceiling plenum with differential pressure when direct mounted with 1" Z Furring channel to fire taped suspended or direct mounted drywall ceiling.
3. All penetrations must be sealed with Sheetrock® Brand Firecode® Smoke-Sound Sealant.
4. In order to ensure installed performance, component substitutions should not be permitted.

**Design Guide**
Download SC3075 at usg.com/ensemble

**ASTM E1264 Classification**
Type XX - Gypsum, Pattern G
Fire Class A

**Weight**
Total System weight 4.5 lb/ft² (36" wire spacing required)

**Maintenance**
Download SC5048 at usg.com/ensemble

**ASTM E84 and CAN/ULC S102 surface-burning characteristics**
Class A
Flame Spread: 25 or less
Smoke developed: 50 or less

**Order Samples/Literature**
USG: usg.com or samplit@usg.com
CGC: contact sales representative

**Technical Services**
800 USG.4YOU (874-4968)

**Technical Information**
usg.com/ensemble
USG ENSEMBLE® ACOUSTICAL DRYWALL CEILING—CURVED SYSTEM
SEAMLESS, CURVED APPEARANCE WITH EXCELLENT ACOUSTIC PERFORMANCE

FEATURES AND BENEFITS
• Monolithic, curved appearance with fine finished in standard white and custom colors.
• System installed on factory pre-curved USG Drywall Main Tees.
• Perforated USG Sheetrock® Brand Panels, USG Ensemble® Four-Sided Taper™ Panels and acoustically transparent USG Ensemble™ Spray-Applied Finish optimize sound performance – NRC 0.80, CAC 40.
• Installs and finishes using traditional drywall techniques and USG Ensemble™ Spray-Applied finish.
• Up to 50% lower installed cost versus acoustical plaster systems.
• Backed by USG’s advanced design and engineering, certified installer and sales support network, and full system warranty.

APPLICATIONS
• Lobbies
• Atria
• Concourses
• Museums
• Performing arts spaces
• Corporate interiors
• Board rooms/executive offices
• Classrooms/higher education
• Hospitality
• Restaurants

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLOR
○ Flat White

CUSTOM COLORS AVAILABLE
○ Unlimited Color Options

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**USG ENSEMBLE® ACOUSTICAL DRYWALL CEILING—CURVED SYSTEM**

![Diagram of USG Ensemble® ACOUSTICAL DRYWALL CEILING—CURVED SYSTEM](image)

**SYSTEM COMPONENTS**

**USG ENSEMBLE® ACOUSTICAL DRYWALL COLOR PROGRAM**

**PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>Base Panel</th>
<th>Backer Panel</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Sheetrock® Brand Ensemble® High-NRC Backer Panels</td>
<td>U.S. Sheetrock® Brand Ensemble® High-NRC Backer Panels</td>
<td>0.80</td>
<td>40</td>
<td>.85</td>
<td>Class A</td>
</tr>
</tbody>
</table>

**SYSTEM DETAILS**

**CUSTOM COLORS**

- Benjamin Moore®
- Sherwin-Williams®
- PANTONE®

**DESIGN GUIDE**

- Download SC5075 at usg.com/ensemble
- ASTM E1264 Classification
  - Type XX - Gypsum, Pattern G
  - Fire Class A
- Weight
  - Total System weight 3.2 lb/ft²
- Maintenance
  - Download SC5048 at usg.com/ensemble
- ASTM E84 and CAN/ULC S102 surface-burning characteristics
  - Class A
  - Flame Spread: 25 or less
  - Smoke developed: 50 or less

**PRODUCTS**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Size</th>
<th>Packaging</th>
<th>Quantity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGLW424</td>
<td>10'</td>
<td>12'</td>
<td>48-pc. carton</td>
<td>192 LF/ctn</td>
</tr>
<tr>
<td>ENSNL120</td>
<td>5/8&quot;</td>
<td>4' x 10'</td>
<td>26-pc. unit</td>
<td>10'-1040 sq. ft/unit</td>
</tr>
<tr>
<td>ENSHINRC</td>
<td>1&quot; x 15.5&quot; x 47.75&quot;</td>
<td>4-pc. unit</td>
<td>21.33 sq. ft./carton</td>
<td>Acoustical base mat for High-NRC/High-CAC</td>
</tr>
<tr>
<td>USAPJC</td>
<td>4.5-gal.</td>
<td>single</td>
<td>216 gal./pail</td>
<td>Coverage 100 sq. ft./gal.</td>
</tr>
<tr>
<td>ENSJC</td>
<td>4.5-gal.</td>
<td>single</td>
<td>216 gal./pail</td>
<td>Coverage 106 sq. ft./gal.</td>
</tr>
<tr>
<td>ENSSPRAF</td>
<td>4.5-gal.</td>
<td>single</td>
<td>216 gal./pail</td>
<td>Coverage 160-200 sq. ft./4.5-gal.</td>
</tr>
</tbody>
</table>

**CUSTOM COLOR MATCHING**

**Recommended Instructions**

1. Minimum order quantity for USG Ensemble™ Spray-Applied Finish is 8 pails.
2. Request customer color samples through your local USG Ensemble® sales representative.
3. Allow three weeks to receive custom color sample.
4. Once the color sample is approved and the order is placed by the purchaser, allow three weeks for the custom-colored USG Ensemble® Spray-Applied Finish to ship with the USG Ensemble® Acoustical Drywall order.
5. The USG Ensemble® Spray-Applied Finish is similar to flat finish paint in sheen. Different sheens are not offered at this time.
6. Certain very deep tone colors or certain very bright colors may not be possible to match. USG will be able to determine at the time of the custom color sample request.

**LIMITATIONS**

1. For interior ceilings only.
2. Not for use in areas subject to continuous high-heat and/or humid conditions.
3. The Ensemble® system shown above not for use in return-air plenums.
4. Return air ducts shall be installed according to ASHRAE standards and guidelines.
5. Install according to Section 5 Environmental Conditions listed in ASTM C840.
6. In order to ensure installed performance, component substitutions should not be permitted.
7. Vaults minimum bend radius 20' and valley minimum bend radius 10'.
8. Do not wet the USG Sheetrock® Brand Ensemble® Four-Sided Taper™ Panels.

**SC5048/rev. 6-22**

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USG DANOLINE™ WALL AND CEILING PANELS
ACOUSTICAL PERFORATED GYPSUM

FEATURES AND BENEFITS
• New perforated gypsum panels offer beautiful aesthetics and acoustics.
• Non-demountable panels can be installed wall-to-wall for ceilings and walls.
• Large format panels installed and finished as standard drywall.
• Two perforation patterns to choose from and various pattern layouts offer numerous design options.
• White perforations will be visible when panels are painted.
• Factory applied acoustical backer provides high performance acoustics with NRC values from 0.55 to 0.65, depending on mounting type.
• Enhanced NRC performance of up to 0.70 NRC with added acoustical backer.
• Panels should be installed with furring strips per manufacturer’s instructions for best sound and fire protection.
• Available in 4’x8’ panels.
• Panels have Class A fire rating.
• Field Modifiable.

APPLICATIONS
• Wall to wall ceilings
• Wall to wall walls
• Islands and clouds
• Sloped ceilings and walls
• New Construction and renovation
• Interior installations

COMPONENTS
• Unpainted perforated gypsum panel
• Factory applied acoustical backer
• Hat channel furring strips supplied by others
• USG Drywall Suspension System and additional fiberglass backer panel supplied separately
**USG DANOLINE™ WALL AND CEILING PANELS**

**ACOUSTICAL PERFORATED GYPSUM**

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Mounting¹</th>
<th>Perforation/ Pattern</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC²</th>
<th>% Open Area</th>
<th>Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tapered</td>
<td>4’x8’x1/2”</td>
<td>Direct attached</td>
<td>C6 2L2</td>
<td>Class A</td>
<td>22756</td>
<td>0.55-0.70</td>
<td>9.3%</td>
<td>Unpainted</td>
</tr>
<tr>
<td>Tapered</td>
<td>4’x8’x1/2”</td>
<td>Direct attached</td>
<td>S9 2L4</td>
<td>Class A</td>
<td>22754</td>
<td>0.55-0.70</td>
<td>13.6%</td>
<td>Unpainted</td>
</tr>
</tbody>
</table>

¹Panels furnished with an unpainted natural finish paper surface

**STANDARD PERFORATION PATTERNS**

<table>
<thead>
<tr>
<th>C6</th>
<th>Circles 1/4” [6 mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="circle_perforation_pattern.png" alt="Circle Perforation Pattern" /></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S9</th>
<th>Square 3/8” [9 mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="square_perforation_pattern.png" alt="Square Perforation Pattern" /></td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATION LAYOUTS**

<table>
<thead>
<tr>
<th>2L4</th>
<th>2L2</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="perforation_layout_2L4.png" alt="Perforation Layout 2L4" /></td>
<td><img src="perforation_layout_2L2.png" alt="Perforation Layout 2L2" /></td>
</tr>
</tbody>
</table>

**MOUNTING DETAIL¹**

<table>
<thead>
<tr>
<th>Wall</th>
<th>Ceiling</th>
<th>Hat Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="wall_mouting_detail.png" alt="Wall Mounting Detail" /></td>
<td><img src="ceiling_mouting_detail.png" alt="Ceiling Mounting Detail" /></td>
<td><img src="hat_channel_mouting_detail.png" alt="Hat Channel Mounting Detail" /></td>
</tr>
</tbody>
</table>

**PHYSICAL DATA**

- ASTM E1264 Classification: Type XX, Pattern A
- ASTM E84 and CAN/ULC S102 Surface burning characteristics: Class A
  - Flame spread: 25 or less
  - Smoke Developed: 50 or less
- Weight: 1.43 lb - 1.62 lb / sq. ft.
- Substrate: Gypsum Panel
- Thickness: All panels are 1/2” (12.5mm)

**Notes**

1. See USG IC 730 for full installation and design details
2. All material tested in Type C mounting, as described in ASTM E795. NRC ranges are based on mounting height (C40, C90, C150) and various acoustical backers. Contact a USG sales representative for more information.

**Manufactured by Knauf Danoline,**

**Denmark 9500 Hobro**

**Distributed by USG Interiors, LLC 550 West Adams Street Chicago IL 60661**

**SAFETY FIRST!** Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation, at usg.com.
USG Celebration™ Metal Panels, Custom Size, Finish: Custom
The Calyx, Royal Botanical Gardens in Sydney, Australia
Architect: PTW Architects, Photo: ©Sam Grant
USG Ceilings products that can be used for exterior applications:

- Illusions®
- Barz®
- Radians®
- Planx™
- Expansë™
- Wallforms™
- Beamz®
- Celebration™ Snap In
- Celebration™ Torsion Spring
- Paraline® II
- Paraline® Plus
- Pixels®

For USG Specialty reference SC2561.

USG Ceilings Plus® Radians® Wallforms™, Finish: Custom Silver Metallic
Project Name: Avalon North Station, Boston, Massachusetts
Architect: CBT Architects, Photo: Robert Benson Photography
USG Mars™ Acoustical Panels and Donn® Brand Centricitee™ DXT™/DXLT™ 9/16" Acoustical Suspension System
Lowell Justice Center in Lowell, MA
Architect: Finegold Alexander Architects, Photo: ©Anton Grassi
USG ASPEN™ BASIC ACOUSTICAL PANELS

FEATURES AND BENEFITS
• Random, naturally sculptured appearance offers upscale look without upscale cost.
• Sizes and performance meet most design criteria.
• Suitable for general applications.
• USDA Certified Biobased Product.

APPLICATIONS
• Schools
• General offices
• Retail stores

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
### USG ASPEN™ BASIC ACOUSTICAL PANELS

#### UL Classified

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLT</td>
<td>2’x2’x3/4”</td>
<td>Class A</td>
<td>650</td>
<td>0.55</td>
<td>35</td>
<td>0.87</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td>41%</td>
<td>$$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>651</td>
<td>0.55</td>
<td>35</td>
<td>0.87</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td>41%</td>
<td>$$</td>
</tr>
<tr>
<td>SLT</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>652</td>
<td>0.55</td>
<td>35</td>
<td>0.87</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td>41%</td>
<td>$$</td>
</tr>
</tbody>
</table>

#### USG ASPEN™ BASIC ILLUSION™ TWO/24 PANELS

**FACE-CUT PATTERNS**

**Low Emissions (VOC)**


#### GRID PROFILE OPTIONS

<table>
<thead>
<tr>
<th>Product literature Data sheet: SC1809</th>
<th>Online tools usgdesignstudio.com or cgcdesignstudio.com</th>
<th>Metric sizes available Contact sales for minimum quantities and lead times.</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM E1264 classification</td>
<td>Thermal resistance R-1.7 (2’x4” panels)</td>
<td>Contact sales for minimum quantities and lead times.</td>
<td>1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.</td>
</tr>
<tr>
<td>USG Aspen™ Basic Type III, Form 2, Pattern CDFI</td>
<td>Weight 0.92 lb./sq. ft. (Class A) 0.92 lb./sq. ft. (Illusion)</td>
<td>2. LR values are shown as averages.</td>
<td>2. LR values are shown as averages.</td>
</tr>
<tr>
<td>USG Aspen™ Basic Illusion™ Type III, Form 2, Pattern CDFIK</td>
<td>Maximum backloading See JS0.30-Year Limited System Warranty Commercial Applications (SC2102).</td>
<td>3. Panels have a 15/16” routing.</td>
<td>3. Panels have a 15/16” routing.</td>
</tr>
<tr>
<td>ASTM E84 and CAN/ULC S102</td>
<td>Maintenance Can be cleaned easily with a soft brush or vacuum.</td>
<td>4. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.</td>
<td>4. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA/FOOTNOTES**

- For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- LR values are shown as averages.
- Panels have a 15/16” routing.
- This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.

#### Notice

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Manufactured by USG Interiors, LLC 550 West Adams Street Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG ASTRO® ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Fine-textured, unperforated and nonfissured appearance offers highly desired aesthetic.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Optional Firecode® product designed to meet life-safety codes.

APPLICATIONS
• Schools
• Hospitals
• Healthcare facilities
• General offices
• Municipal buildings

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
## USG ASTRO® ACOUSTICAL PANELS

### ACoustical Ceiling Panels

#### GRID PROFILE OPTIONS

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USG ASTRO</strong> Panels</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SQ</td>
<td>2’x2’x5/8”</td>
<td>Class A</td>
<td>8221</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>A,C,D</td>
<td>Low</td>
<td>68%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x2’x3/4”</td>
<td></td>
<td>8122</td>
<td>0.50</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>B,E</td>
<td>Low</td>
<td>69%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8”</td>
<td>Class A</td>
<td>8241</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>A,C</td>
<td>Low</td>
<td>68%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>SLT</td>
<td>2’x2’x5/8”</td>
<td>Class A</td>
<td>8223</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>F</td>
<td>Low</td>
<td>68%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x2’x3/4”</td>
<td></td>
<td>8322</td>
<td>0.50</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>G</td>
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<td>69%</td>
<td>$5</td>
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</tr>
<tr>
<td></td>
<td>2’x4’x5/8”</td>
<td>Class A</td>
<td>8243</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>F</td>
<td>Low</td>
<td>68%</td>
<td>$5</td>
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</tr>
<tr>
<td>FLB</td>
<td>2’x2’x5/8”</td>
<td>Class A</td>
<td>8227</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>H,J,K,M</td>
<td>Low</td>
<td>68%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x2’x3/4”</td>
<td></td>
<td>8722</td>
<td>0.50</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>I,L</td>
<td>Low</td>
<td>69%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8”</td>
<td>Class A</td>
<td>8247</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>H,J,K,M</td>
<td>Low</td>
<td>68%</td>
<td>$5</td>
<td></td>
</tr>
</tbody>
</table>

#### USG ASTRO® ILLUSION™ Two/24 Panels

- **Low Emissions (VOC)**
- **ClimaPlus® Warranty Performance**
- **High Recycled Content**

### PHYSICAL DATA/FOOTNOTES

**Product literature**
- Data sheet: SC2101
- ASTM E164 classification
- USG Astro®, Type III, Form I and 2, Pattern G
- USG Astro® Illusion™ Type III, Form I, Pattern K
- ASTM E84 and CAN/ULC S102 surface-burning characteristics
- Class A
- Flame spread 25 or less
- Smoke developed: 50 or less
- UL-Type
- Astro-FR

**Online tools**
- usgdesignstudio.com or cgcdesignstudio.com

**Weight**
- 0.80 lb./sq. ft. (Class A)
- 1.04 lb./sq. ft. (Firecode®)

**Thermal resistance**
- R-2.0 (Class A 5/8”)
- R-2.4 (Class A ¾”)
- R-2.4 (Firecode® ¾”)

**Maximum backloading**
- See USG 30-Year Limited System Warranty Commercial Applications (SC2101).

**Maintenance**
- Can be cleaned easily with a soft brush or vacuum.

**Texture**
- Because the manufacturing process for USG Astro® ceiling panels can potentially create subtle texture variations, we recommend ordering and installing this product by production lot number.

**Metric sizes available**
- Contact sales for minimum quantities and lead times.

**Notes**
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Fire-rated items: see UL design details.
3. LR values are shown as averages.
4. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2101).
5. Panels have a 15/16” routing.
6. Panels have a 9/16” routing.
7. Maximum 2’x2’ with SQ Edge panels.

**Manufactured by**
- USG Interiors, LLC
- 550 West Adams Street
- Chicago, IL 60661

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**Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.**

**ORDER SAMPLES/LITERATURE**
USG: usg.com or samplit@usg.com
CGC: contact Sales Representative

**TECHNICAL SERVICES**
800 USG.4YOU (874-4968)

**FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL**
usgdesignstudio.com cgcdesignstudio.com
FEATURES AND BENEFITS

• USG Clean Room™ Class 100 and Class 10M–100M panels have an embossed, vinyl-laminated face with sealed back and edges for use in Class 100 (ISO 5) or 10M–100M (ISO 7) Clean Rooms.
• USDA Certified Biobased Product.
• Firecode® product designed to meet life-safety codes.
• ClimaPlus™ 30-year limited system warranty against visible sag.

APPLICATIONS

• Clean Rooms
• Laboratories
• Surgical areas/emergency rooms
• Kitchens/food prep areas (Class 100 only)

SUBSTRATE

• Wet-formed mineral fiber
### USG CLEAN ROOM™ ACOUSTICAL PANELS

#### CLIMAPLUS™ PERFORMANCE

<table>
<thead>
<tr>
<th>Grid Profile Options</th>
<th>PHYSICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A USG DXL™</td>
<td>Product literature: Data sheet: SC1811</td>
</tr>
<tr>
<td>B USG DXLA™</td>
<td>ASTM E262-14 classification</td>
</tr>
<tr>
<td>C USG ZXLA™</td>
<td>Class 100: Type X, Pattern GI</td>
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<tr>
<td>D USG AX™</td>
<td>Class 10M-100M: Type X, Pattern CGI</td>
</tr>
<tr>
<td>E USG CE™</td>
<td>ASTM E84 and CAN/ULC S102 surface-burning characteristics</td>
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<tr>
<td></td>
<td>Class A</td>
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<tr>
<td></td>
<td>Flame spread: 25 or less</td>
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<tr>
<td></td>
<td>Smoke developed: 50 or less</td>
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<td>UL Type</td>
</tr>
<tr>
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<td>H</td>
</tr>
<tr>
<td></td>
<td>Weight</td>
</tr>
<tr>
<td></td>
<td>1.1 lb./sq. ft. (Class 100 panels)</td>
</tr>
<tr>
<td></td>
<td>1.2 lb./sq. ft. (Class 10M-100M panels)</td>
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</table>

#### Low Emissions (VOC)
- Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350).
- Certificates of Compliance for Low VOC Emissions are available on usg.com and at spot.ul.com.

#### High Recycled Content
- USG classifies High Recycled Content as greater than 50%.
- Total recycled content is based on product composition of post-consumer and post-industrial recycled content per FTC guidelines.

#### Firecode®
- Panels are UL Classified.

#### UL Certified
- Edge 5 Panel Size Fire Rating 2

#### Panel Cost

<table>
<thead>
<tr>
<th>Item No.</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>Recycled Content</th>
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<td>0.79</td>
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<td>$$</td>
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<td>$$</td>
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<tr>
<td>56060</td>
<td>0.55</td>
<td>35</td>
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<td>56090</td>
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<td>35</td>
<td>0.79</td>
<td>White</td>
<td>A,B,C,D,E</td>
<td>55%</td>
<td>$$</td>
</tr>
</tbody>
</table>

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**SC1811/Rev. 2-23**
- Printed in USA

Manufactured by USG Interiors, LLC
- 550 West Adams Street
- Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG ECLIPSE™/ECLIPSE™ HIGH-NRC ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Elegant, fine-textured visual.
• Excellent noise reduction (up to NRC-0.75).
• Balanced Acoustics. High-NRC and High-CAC.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• USG Eclipse™ Acoustical Panels is part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
• Offices
• Conference areas
• Healthcare (HIPAA requirements)
• Retail stores

SUBSTRATE
• Wet-formed mineral fiber

<table>
<thead>
<tr>
<th>STANDARD COLORS</th>
<th>ADVANTAGE COLORS</th>
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<tbody>
<tr>
<td>Flat White 050</td>
<td>Beige 142</td>
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<tr>
<td>Parchment 103</td>
<td>Silvertone 052</td>
</tr>
<tr>
<td>Manila 246</td>
<td>Mist 053</td>
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<tr>
<td>Taupe 107</td>
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<tr>
<td>Straw 143</td>
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<td>Sandstone 090</td>
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</table>

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
See individual items for color availability.
### USG ECLIPSE™ /ECLIPSE™ HIGH-NRC ACOUSTICAL PANELS

#### CLIMAPLUS™ PERFORMANCE

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
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<tbody>
<tr>
<td>SQ</td>
<td>2’x2’x3/4”</td>
<td>Class A</td>
<td>76575</td>
<td>0.70</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>A, B, C</td>
<td>Low</td>
<td>$</td>
<td>79%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x2’x3/4”</td>
<td>Class A</td>
<td>76575</td>
<td>0.70</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>A, B, C</td>
<td>Low</td>
<td>$</td>
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</tr>
<tr>
<td>SLT</td>
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<td>White/Colors</td>
<td>D</td>
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<td>$</td>
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<td>$</td>
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<tr>
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<tr>
<td></td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>76775</td>
<td>0.70</td>
<td>35</td>
<td>0.86</td>
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<td>$</td>
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<td>FL</td>
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<td>35</td>
<td>0.86</td>
<td>White/Colors</td>
<td>E, F, G</td>
<td>Low</td>
<td>$</td>
<td>79%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>600x600x19</td>
<td>Class A</td>
<td>ME76975</td>
<td>0.70</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>E, F, G</td>
<td>Low</td>
<td>$</td>
<td>79%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>76975</td>
<td>0.70</td>
<td>35</td>
<td>0.86</td>
<td>White</td>
<td>E, F, G</td>
<td>Low</td>
<td>$</td>
<td>79%</td>
<td>$</td>
</tr>
</tbody>
</table>

### USG ECLIPSE™ HIGH-NRC PANELS

#### GRID PROFILE OPTIONS

#### PHYSICAL DATA

### Low Emissions
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

#### ClimaPlus™ Warranty Performance
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

#### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and precleaner (postindustrial) recycled content per FTC guidelines.

### Notes
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values shown as averages.
3. For details, see USG 30-Year Limited System Warranty-Ceiling Applications (SC2102).
4. See Colors selector for more information.
5. Maximum 2’x2’ with SQ edge panels.
USG Eclipse™ Illusion™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS

• A variety of face scores creates the illusion of a smaller-scaled ceiling system without compromising accessibility.
• Solid NRC performance of up to 0.70 meets general office acoustical needs for sound absorption.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• USG Eclipse™ Illusion™ Acoustical Panels are part of the Ecobuild™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

• Boutiques
• Schools
• Reception lobbies
• Transportation terminals

SUBSTRATE

• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
### USG ECLIPSE™ ILLUSION™ Acoustical Panels

**Climaplus™ Performance**
- No Visible Sag
- Mold/Mildew Protection

### Year Limited System Warranty
- Balanced Acoustics
- High Recycled Content

### Year Availability
- 10

### High Recycled Content
- 10

### Notice
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### Year Limited System Warranty
- Low Emissions (VOC)

### Climaplus™ Warranty Performance
- Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### High Recycled Content
- USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### Physical Data
- Product literature: Data sheet SC1846
- ASTM E324-4 classification
- Type II, Form 1, Pattern E18 (USG Eclipse™ Illusion™)
- ASTM E84 and CAN/ULC S102 surface-burning characteristics
- Class A
- Flame spread: 25 or less
- Smoke developed: 50 or less
- Weight: 110 lb./sq. ft.

### Online tools
- usgdesignstudio.com or cgcdesignstudio.com
- Thermal resistance: R-2.0
- Maintenance: Can be cleaned easily with a soft brush or vacuum.
- Notes:
  1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
  2. LR values are shown as averages.
  3. Panels have a 15/16” routing.
  4. Panels have a 9/16” routing.
  5. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold/mildew. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).

### Note
Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

### U.S. Green Building Council (USGBC) LEED
- Core & Shell for New Construction: USG holds LEED Certification for ECLIPSE™ ILLUSION™.
- Buildings: USG Eclipse™ Illusion™ was manufactured using a supply chain LEED points strategy.

<table>
<thead>
<tr>
<th>USG Eclipse™ Illusion™ Two/24 Panels</th>
<th>USG Eclipse™ Illusion™ Four/48 Panels</th>
</tr>
</thead>
<tbody>
<tr>
<td>The look of 2’x2’ panels</td>
<td>The look of 48”x6” linear strips</td>
</tr>
</tbody>
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#### Grid Profile Options

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
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</thead>
<tbody>
<tr>
<td>USG DX®</td>
<td>USG Centricitee™ DXT™</td>
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</table>

#### Physical Data

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<tr>
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<th>Item No.</th>
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<th>CAC Min.</th>
<th>LR²</th>
<th>Color</th>
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<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Recycled Content¹</th>
<th>Panel Cost</th>
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<tbody>
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<td>SLT</td>
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<tr>
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<td>$</td>
<td>$</td>
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<tr>
<td>ILT′</td>
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<td>78811</td>
<td>0.70</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>B</td>
<td>Low</td>
<td>80%</td>
<td>$</td>
<td>$</td>
</tr>
</tbody>
</table>

#### Notes
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. Panels have a 15/16” routing.
4. Panels have a 9/16” routing.
5. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold/mildew. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
USG “F” FISSURED™ BASIC ACOUSTICAL PANELS

FEATURES AND BENEFITS
• Balanced Acoustics. NRC and CAC.
• Cast product with durable surface that resists scrapes commonly caused by accessing the ceiling plenum.
• VOC emissions meet CA Specification 01350.
• USDA Certified Biobased Product.4
• USG “F” Fissured™ Basic Acoustical Panels are part of the Ecobuilders™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
• Administrative offices
• Schools
• Financial institutions
• Religious buildings

SUBSTRATE
• Cast mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

Limited color options available. See Ceiling Solutions Color Program for details.
USG “F” FISSURED™ BASIC ACOUSTICAL PANELS

Grid PROFILE OPTIONS

A USG DX®

B USG DXW℠

C USG Centricitee® DXT℠

D USG DX®

E USG Centricitee® DXT℠

F USG Finline® DXF℠

G USG Finline® 1/8 DXFF℠

H USG Identitee® DXI℠

Low Emissions (VOC)


High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

Abuse Resistant

Composite of USG “F” Fissured™ Basic ceiling products shows range to be expected in a production lot and possibly in the same panel or tile. Ranges are random and cannot be specified. Texture appearance will vary based on ceiling height, installation methods and natural variations of the product.

Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. Maximum 2’x2’ with SQ edge panels.
4. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.
5. Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.

UL Classified

Edge Panel Size Fire Rating Item No. NRC CAC Min. LR Cost

SQ 2’x2’x3/4” Paper-Back Class A 131 0.70 35 0.79 White A,B,C Low $$$

2’x4’x3/4” Paper-Back Class A 135 0.70 35 0.79 White A,B Low $$$

SL 2’x2’x3/4” Paper-Back Class A 132 0.70 35 0.79 White D Low $$$

2’x4’x3/4” Paper-Back Class A 136 0.70 35 0.79 White D Low $$$

FL 2’x2’x3/4” Paper-Back Class A 135 0.70 35 0.79 White E,F,G,H Low $$$

Product literature Data sheet: SC1816

Thermal resistance R-1.7

Maximum backlogging See UL 2818 Limit System Warranty Commercial Applications (SC1816).

Maintenance Can be cleaned easily with a soft brush or vacuum.

Texture The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

Content 1

Recycled 75%

Abuse Resistant

10 YEAR AVAILABILITY

UL Listed

UL Classified

Abuse Resistant

A131

UL Listed

UL Classified

Abuse Resistant

A131
USG FISSURED™ BASIC ACOUSTICAL PANELS

FEATURES AND BENEFITS
- Economical, all-purpose ceiling pattern available in various panel sizes.
- Optional Firecode® product designed to meet life-safety codes.

APPLICATIONS
- Administrative offices
- Corridors
- Mass merchandisers
- Convenience stores

SUBSTRATE
- Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
**USG FISSURED™ BASIC ACOUSTICAL PANELS**

**UL Classified**

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating¹</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR²</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Recycled Content³</th>
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<tbody>
<tr>
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<tr>
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<td>2’x2’x5/8”</td>
<td>Class A</td>
<td>585</td>
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<td>35</td>
<td>0.81</td>
<td>White</td>
<td>B,E</td>
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<td>$</td>
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<tr>
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<td>2’x4’x5/8”</td>
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<td>0.55</td>
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<td>A,C</td>
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<td>2’x4’x5/8”</td>
<td>Class A</td>
<td>586</td>
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<td>B</td>
<td>Low</td>
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<td></td>
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<td>Class A</td>
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<td>0.55</td>
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<td>F</td>
<td>Low</td>
<td>24-25%</td>
<td>$</td>
</tr>
</tbody>
</table>

**Low Emissions (VOC)**

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**High Recycled Content**

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**Firecode®**

**GRID PROFILE OPTIONS**

**PHYSICAL DATA/FOOTNOTES**

- **Product literature**
  - Data sheet: SC1815
  - ASTM E1264 classification
    - Type III, Form 2, Pattern: CD
  - ASTM E84 and CAN/ULC S102
    - Surface-burning characteristics:
      - Class A
      - Flame spread: 25 or less
      - Smoke Developed: 50 or less
  - UL Type
    - FR-2
    - FR-83

- **Online tools**
  - usgdesignstudio.com or cgcdesignstudio.com

- **Weight**
  - 0.62-0.64 lb./sq. ft. (Class A)
  - 1.09-1.11 lb./sq. ft. (Firecode®)

- **Thermal resistance**
  - R-1.4 (Class A)
  - R-1.6 (Firecode®)

- **Maximum backloading**
  - See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

- **Maintenance**
  - Can be cleaned easily with a soft brush or vacuum.

- **Metric sizes available**
  - Contact sales for minimum quantities and lead times.

**Notes**

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Fire-rated items: see UL design details.
3. LR values are shown as averages.
4. Maximum 2’x2’ with SQ edge panels.

**ORDER SAMPLES/LITERATURE**

USG: usg.com or samplit@usg.com
CGC: contact Sales Representative

**TECHNICAL SERVICES**

800 USG.4YOU (874-4968)
USG Frost™ Basic Acoustical Panels

FEATURES AND BENEFITS

- Balanced Acoustics. NRC and CAC.
- Excellent combination of noise reduction (NRC-0.70) and sound attenuation (CAC-40).
- VOC emissions meet CA Specification 01350.
- USDA Certified Biobased Product.°
- Damage-resistant panels with impact resistance (ASTM C367) and integral color help to reduce the overall cost of ownership.
- USG Frost™ Basic Acoustical Panels are part of the Ecobluueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Healthcare (HIPAA requirements)
- Open or closed offices
- Media centers
- Libraries
- Schools (ANSI S12.60 classroom guidelines)

SUBSTRATE

- Cast mineral fiber

Flat White
050

Limited color options available. See Ceiling Solutions Color Program for details.

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
## USG FROST™ BASIC ACOUSTICAL PANELS

### Grid Profile Options

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Abuse Resistant</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLB</td>
<td>2’x2’x7/8”</td>
<td>Class A</td>
<td>440</td>
<td>0.70</td>
<td>40</td>
<td>0.84</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td>69%</td>
<td>$$$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x2’x3/4”</td>
<td>Paper-Back</td>
<td>415</td>
<td>0.55</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>B</td>
<td>Low</td>
<td>71%</td>
<td>$$$</td>
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<td></td>
<td>2’x4’x3/4”</td>
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<td>450</td>
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<td>38</td>
<td>0.84</td>
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<td>A</td>
<td>Low</td>
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<td>$$$</td>
<td></td>
</tr>
<tr>
<td>FL</td>
<td>2’x4’x3/4”</td>
<td>Paper-Back</td>
<td>460</td>
<td>0.70</td>
<td>38</td>
<td>0.84</td>
<td>White</td>
<td>C,D,E,F</td>
<td>Low</td>
<td>69%</td>
<td>$$$</td>
<td></td>
</tr>
</tbody>
</table>

**Low Emissions (VOC)**

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350).

‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**High Recycled Content**

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### Environmental Conditions

All USG limited warranties are subject to use under normal conditions. Abnormal conditions include exposure to chemical fumes, vibrations, moisture from conditions such as leaks or condensation, excessive humidity due to shutting off of HVAC system, or excessive dirt or dust buildup.

### Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Fire-rated items: see UL design details.
3. LR values are shown as averages.
4. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.
5. Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.

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**Notice**

The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

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**Order Samples/Literature**

USG: usg.com or samplit@usg.com
CGC: contact Sales Representative

**Technical Services**

800 USG.4YOU (874-4968)

**Technical Information and LEED Report Tool**

usgdesignstudio.com
cgcdesignstudio.com

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**Physical Data/Footnotes**

**Product literature**

Data sheet: SC1817

**ASTM E84 and CAN/ULC S102 surface-burning characteristics**

Class A

Flame spread: 25 or less

Smoke developed: 50 or less

**UL Type**

AP, AP-1, AP-2, AP-3

**Weight**

1.01-1.12 lb./sq. ft.

**Online tools**

usgdesignstudio.com or cgcdesignstudio.com

---

**Thermal resistance**

R-1.7 (Class A)

R-1.1 (Firecode®)

**Maximum backloading**

See USG 30-Year Limited System Warranty Commercial Applications (SC1202).

**Maintenance**

Can be cleaned easily with a soft brush or vacuum.

**Impact resistance**

ASTM C367–tested to min. 190 lb./sq. ft. for 1/4” depression by a 2” steel ball.

**Texture**

The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

**Environmental conditions**

All USG limited warranties are subject to use under normal conditions. Abnormal conditions include exposure to chemical fumes, vibrations, moisture from conditions such as leaks or condensation, excessive humidity due to shutting off of HVAC system, or excessive dirt or dust buildup.

---

**Notes**

Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG FROST™/USG FROST™ HIGH-LR ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Balanced Acoustics.
• Excellent combination of noise reduction (up to NRC-0.75) and sound attenuation (up to CAC-40) for use in mixed (open-plan/closed-plan) office design.
• VOC emissions meet CA Specification 01350.
• USDA Certified Biobased Product. ³
• High light-reflective finish (up to LR-0.89) reduces light fixtures and energy use.
• Damage-resistant panels with impact resistance (ASTM C367) and integral color help to reduce the overall cost of ownership.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• USG Frost™/USG Frost™ High-LR Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
• Healthcare (HIPAA requirements)
• Schools (ANSI S12.60 classroom guidelines)
• Government projects (ACOE performance requirements)
• Mixed office design

SUBSTRATE
• Cast mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS
Flat White 050
Parchment 103
Manila 246
Straw 145
Sandstone 090
Taupe 107
Charcoal 534
Flat Black 205

ADVANTAGE COLORS
Breeze 2659
Blue Grey 564
Azure 2660
Stone 568
Sparce 567
Tuscany 2662
Sorbet 2658
Squash 2661

PREMIUM COLORS
Dawn 3679
Old Stone 3691
Sea Shell 3678
Light Brown 3640
Nut Brown 3680
Estate 2642
Shale 3681
Ocean Ridge 3684

Limited color options available. See Ceiling Solutions Color Program for details.
### USG FROST™ Panels

<table>
<thead>
<tr>
<th>Option</th>
<th>Panel Size</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Abuse Resistant</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
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<tbody>
<tr>
<td>SLB</td>
<td>2'x2'x3/4” Paper-Back</td>
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<td>36</td>
<td>0.84</td>
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<td>A</td>
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<td>69%</td>
<td>$99</td>
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</tr>
<tr>
<td>FL</td>
<td>2'x2'x3/4” Paper-Back</td>
<td>418</td>
<td>0.70</td>
<td>38/40</td>
<td>0.84</td>
<td>White</td>
<td>Standard Advantage Premium</td>
<td>B,C,D,E</td>
<td>Low</td>
<td>69%</td>
<td>$99</td>
<td></td>
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### USG FROST™ High-LR Panels

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<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Abuse Resistant</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
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<tr>
<td>SLB</td>
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<td>69%</td>
<td>$99</td>
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</tr>
<tr>
<td>FL</td>
<td>2'x2'x3/4” Paper-Back</td>
<td>491</td>
<td>0.75</td>
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<td>0.89</td>
<td>White</td>
<td>F,G,H,I</td>
<td>Low</td>
<td>69%</td>
<td>$99</td>
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<td></td>
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</tbody>
</table>

### Grid Profile Options

- **A** USG DX®
- **B** USG Centricitee® DXT®
- **C** USG Fineline® DXX®
- **D** USG Fineline® 1/8 DXX®
- **E** USG Identitee® DXI®
- **F** USG Centricitee® DXX®
- **G** USG Fineline® DXX®
- **H** USG Fineline® 1/8 DXX®
- **I** USG Identitee® DXI®

### Physical Data/Footnotes

- **ASTM E1364 classification**
  - Type I, Form A, Pattern E
- **Surface burning characteristics**
  - Class A
  - Flame spread: 25 or less
  - Smoke developed: 50 or less
- **Weight**
  - 1351-186 lbs./sq. ft.
- **Thermal resistance**
  - R-1.7

### Related Information

- **Product Literature**
  - Datashow: SC3988
- **Online Tools**
  - usgdesignstudio.com or cgcdesignstudio.com
- **Maximum backloading**
  - See USG 30-Year Limited System Warranty Commercial Applications (SC2102)
- **Maintenance**
  - Can be cleaned easily with a soft brush or vacuum.
- **Texture**
  - The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

### Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Item Nos. 418 and 419 achieve 40 CAC when installed with USG Donn® Brand Fineline® or Fineline 1/8 suspension system.
3. LR values are shown as averages.
4. See Colors selector for more information.
5. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).

### Recycled Content

- USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### Abatement

- Abatement is determined using the abatement equation based on total content as greater than 50%.

### Contact Information

- For most up-to-date technical information and LEED report tool, visit usgdesignstudio.com or cgcdesignstudio.com.

### Additional Resources

- USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- The complete listing of all USG ceiling panels on biopreferred.gov website.

### Related Marks

- The trademarks USG, CGC, CENTRICITEE, CLIMAPLUS, DONN, DX, DXX, DXI, DXL, DX, DXT, FINELINE, FROST, IDENTITEE, IT’S YOUR WORLD, BUILD IT, the USG/CGC logos, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.
USG GLACIER™ BASIC ACOUSTICAL PANELS

FEATURES AND BENEFITS

- Heavily textured cast product with durable surface that resists scrapes commonly caused by accessing the ceiling plenum.
- VOC emissions meet CA Specification 01350.
- USDA Certified Biobased Product.¹
- Integral color masks nicks and scratches and enhances lifelong panel appearance.
- Optional Firecode® product designed to meet life-safety codes.
- USG Glacier™ Basic Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Food courts
- Hospitality
- Libraries
- Restaurants

SUBSTRATE

- Cast mineral fiber

<table>
<thead>
<tr>
<th>STANDART COLORS</th>
<th>ADVANTAGE COLORS</th>
<th>PREMIUM COLORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat White 050</td>
<td>Breeze 2659</td>
<td>Deep Berry 3634</td>
</tr>
<tr>
<td>Parchment 103</td>
<td>Blue Gray 564</td>
<td>Deep Blue 3602</td>
</tr>
<tr>
<td>Manila 246</td>
<td>Azure 2660</td>
<td>Atmosphere 3681</td>
</tr>
<tr>
<td>Straw 145</td>
<td>Slate 568</td>
<td>Lagunia 3660</td>
</tr>
<tr>
<td>Sandtone 090</td>
<td>Spruce 567</td>
<td>Grass 3688</td>
</tr>
<tr>
<td>Taupe 107</td>
<td>Tuscany 2663</td>
<td>Tangy Tangerine3689</td>
</tr>
<tr>
<td>Charcoal 534</td>
<td>Sorbet 2658</td>
<td>Deep Cranberry 3687</td>
</tr>
<tr>
<td>Flat Black 205</td>
<td>Squash 2661</td>
<td>Deep Violet 3686</td>
</tr>
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</table>

LIMITED COLOR OPTIONS AVAILABLE. SEE CEILING SOLUTIONS COLOR PROGRAM FOR DETAILS.
## USG GLACIER™ BASIC ACOUSTICAL PANELS

### PHYSICAL DATA

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Abuse Resistant</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USG GLACIER™ BASIC PANELS</strong>&lt;br&gt;<strong>SL</strong>&lt;br&gt;2’x2’x3/4”&lt;br&gt;Paper-Back</td>
<td>Class A</td>
<td>707</td>
<td>0.65</td>
<td>35</td>
<td>0.70</td>
<td>White</td>
<td>Standard Advantage Premium</td>
<td>A</td>
<td>Low</td>
<td>69%</td>
<td>$$$</td>
<td></td>
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<tr>
<td><strong>2’x2’x3/4”&lt;br&gt;Paper-Back</strong></td>
<td>715</td>
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<td>35</td>
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<td>White</td>
<td>B</td>
<td>Low</td>
<td>71%</td>
<td>$$$</td>
<td></td>
<td></td>
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<tr>
<td><strong>2’x4’x3/4”&lt;br&gt;Paper-Back</strong>&lt;br&gt;Class A</td>
<td>711</td>
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<td>Low</td>
<td>69%</td>
<td>$$$</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>FL</strong>&lt;br&gt;2’x2’x3/4”&lt;br&gt;Paper-Back</td>
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<td>708</td>
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<td>0.70</td>
<td>White</td>
<td>Standard Advantage Premium</td>
<td>C, D, E, F</td>
<td>Low</td>
<td>69%</td>
<td>$$$</td>
<td></td>
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</tbody>
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### Low Emissions (VOC)
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### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### GRID PROFILE OPTIONS

| A USG DX™<br>**A**<br>USG DXL™<br>**B**<br>USG Centricitee™<br>**C**<br>USG Fineline™<br>**D**<br>USG Fineline™<br>1/8 DXFF™<br>**E**<br>USG Identitee™<br>**F**<br>USG Identitee™<br>1/8 DXFF™ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) | ![Image](image-url) |

### Online tools
- usgdesignstudio.com or cgcdesignstudio.com
- Thermal resistance
- R-1.7 (Class A)
- R-1.3 (Firecode®)
- Maximum backloading
  - See USG 50-Year Limited System Warranty Commercial Applications (SG102).
- Maintenance
  - Can be cleaned easily with a soft brush or vacuum.
- Texture
  - The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

### Notes
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Fire-rated items; see UL design details.
3. LR values are shown as averages.
4. See Colors selector for more information.
5. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.
6. Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.
FEATURES AND BENEFITS
• Exception noise reduction with NRC values up to 1.00.
• High light-reflective finish (LR-0.90) reduces light fixtures and energy use.
• Washable and scrubbable finish.
• Impact and scratch resistant.
• Coordinates visually with USG Mars™ for open/closed-plan applications.
• Compatible with USG Logix™ Integrated Ceiling Systems.
• Nondirectional, monolithic visual reduces installation time and waste.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Balanced Acoustics. High NRC & High CAC with backer options.
• Halcyon™ ECO is part of the Ecoblueprint portfolio – meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.
• Halcyon™ ECO is manufactured with a plant-based binder.
• Halcyon™ ECO is GREENGUARD Gold Certified for low emitting performance.

APPLICATIONS
• Open-plan offices
• Indirect lighting
• Libraries

SUBSTRATE
• Fiberglass

LIMITED COLOR OPTIONS AVAILABLE. SEE CEILING SOLUTIONS COLOR PROGRAM FOR DETAILS.

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

Flat White
050

USG Halcyon™ Acoustical Panels with ClimaPlus™ Performance, and USG Donn® Brand Identity™ DXI™ Acoustical Suspension System

USG HALCYON™ / HALCYON™ ECO ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER

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USG HALCYON™/HALCYON™ ECO ACOUSTICAL PANELS

ClimaPlus™ Performance

- Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.
- Low Emissions (VOC)

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
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<td>SQ</td>
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<td>-</td>
<td>38%</td>
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<td>White A, B</td>
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<td>38%</td>
<td>$$$$</td>
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USG HALCYON™/HALCYON™ ECO
ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

**YEAR LIMITED SYSTEM WARRANTY**
- No Visible Sag
- Mold/Mildew Protection

**BALANCED ACOUSTICS**

**YEAR AVAILABILITY**
- 76575, 76775, 76975, 78575, 78775

**PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS:**
UL.COM/GG
UL 2818

ORDER SAMPLES/LITERATURE
USG: usg.com or sampit@usg.com
CGC: contact Sales Representative
USG DESIGN STUDIO
800 USG.4YOU (874-4968)

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com

Declare® Labels on select products, see usg.com for more details and documentation.

---

### USG HALCYON™ ACOUSTICAL PANELS

#### USG HALCYON™ ECO ACOUSTICAL PANELS

- Plant-Based Binder

#### Declare 1%

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**ClimaPlus™ Warranty Performance**
Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.

**Low Emissions (VOC)**
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.
### USG HALCYON™ ACOUSTICAL PANELS

#### PHYSICAL DATA/

#### FOOTNOTES

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USG Interiors, LLC

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Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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#### Grid Profile Options

**FL**

- **USG HALCYON™ ECO ACOUSTICAL PANELS**

- Plant-Based Binder

---

**ClimaPlus™ Warranty Performance**

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**Low Emissions (VOC)**

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**Recycled Content**

- 96% recycled content

**Safety First!** Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

**UL Classified**

- UL 2818

---

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USG HALCYON™ HEALTHCARE ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
- Water-repellent membrane safe with common disinfectants.*
- Washable, scrubbable, soil-resistant finish. Impact and scratch resistant.
- Acoustics and cleanability exceed FGI guidelines for healthcare.
- Meets USDA/FSIS guidelines for use in food-processing areas.
- Achieves FDA standards for smoothness, durability and cleanability.
- Meets requirements of California Building Code table 1224.1, level 2.
- Coordinates visually with USG Mars™ and USG Halcyon™.
- High light-reflective finish (LR-0.90) reduces light fixtures and energy use.
- High sound absorption NRC (0.95-1.00) AC 190 helps address HIPAA standards.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS
- Patient rooms
- Nurses’ stations
- Laboratories
- Lavatories/restrooms
- Kitchen/food-prep areas

SUBSTRATE
- Fiberglass

DATA SHEET
WEBPAGE ACCESS
INSTALLATION GUIDE
PACKAGING DATA
### Grid Profile Options

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#### ClimaPlus™ Warranty Performance<sup>3</sup>

- Fiberglass substrate is inherently resistant to the growth of mold and mildew.
- Includes sag-resistance performance.

### Physical Data/Notes

**A** USG DX™

**B** USG DX™

**C** USG Centricite™

**D** USG DXFA™

**E** USG ZXL™

**F** USG AX™

**G** USG DX™

**H** USG DXLA™

**I** USG ZXL™

**J** USG AX™

**K** USG Centricite™

**L** USG Fineline® DXF™

**M** USG Fineline® 1/8

**N** USG Identitee® DXI™

**Product literature**

Data sheet: SC2652

**ASTM D2486 classification**

Type A1, Form 2, Pattern E, G

**ASTM E84 and CAN/ULC S102 surface-burning characteristics**

Class A

Flame spread: 25 or less

Smoke developed: 50 or less

**Weight**

0.40 lb./sq. ft. (1” panels)

0.50 lb./sq. ft. (1-1/2” panels)

**Thermal resistance**

R-4.4 (1” panels)

R-6.6 (1-1/2” panels)

**Maximum backloading**

See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

**Note**

For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
USG HALCYON™ LOGIX™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Compatible with USG Logix™ Integrated System.
• Monolithic, structured ceiling visual using standard components.
• High light-reflective finish (LR-0.90) reduces light fixtures and energy use.
• Washable and scrubbable finish—impact and scratch resistant.
• Coordinates visually with USG Mars™ Logix™ Acoustical Panels for open/closed-plan applications.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• High sound absorption with an NRC of up to 0.95 and an AC of up to 200.

APPLICATIONS
• Open-plan offices
• Conference rooms
• Reception and lobby areas
• Media centers and libraries
• Airports
• Spaces with indirect or natural lighting

SUBSTRATE
• Fiberglass

FOR MORE INFORMATION, VISIT USG.COM OR CGCINC.COM

LIMITED COLOR OPTIONS AVAILABLE. SEE CEILING SOLUTIONS COLOR PROGRAM FOR DETAILS.

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

USG Halcyon™ Acoustical Panels with ClimaPlus™ Performance, and USG Donn® Brand Centricitee™ DXT™ Logix™ Acoustical Suspension System, Maricopa County Southwest Justice Center in Avondale, AZ, Architect: Architekton, Photo ©  Leland Gebhardt Photo
USG HALCYON™ LOGIX™ ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

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| SQ   | 4"x48"x1"  | Class A     | 97402   | 0.95² | 20²        | 0.90 | White | A           | ᴡ                               | ᴡ                | 40%      | $$$$     |
|      | 4"x60"x1"  | Class A     | 97403   | 0.95² | 20²        | 0.90 | White | A           | ᴡ                               | ᴡ                | 40%      | $$$$     |
|      | 4"x72"x1"  | Class A     | 97404   | 0.95² | 20²        | 0.90 | White | A           | ᴡ                               | ᴡ                | 40%      | $$$$     |
|      | 6"x48"x1"  | Class A     | 97226   | 0.95² | 20²        | 0.90 | White | A           | ᴡ                               | ᴡ                | 40%      | $$$$     |
|      | 6"x60"x1"  | Class A     | 97227   | 0.95² | 20²        | 0.90 | White | A           | ᴡ                               | ᴡ                | 40%      | $$$$     |
|      | 12"x48"x1" | Class A     | 97491   | 0.95² | 20²        | 0.90 | White | A           | ᴡ                               | ᴡ                | 40%      | $$$$     |

| SL   | 20"x54"x1" | Class A     | 97436   | 0.95  | 20  | 0.90 | White | C           | ᴡ                               | ᴡ                | 40%      | $$$$     |
|      | 20"x56"x1" | Class A     | 97437   | 0.95  | 20  | 0.90 | White | C           | ᴡ                               | ᴡ                | 40%      | $$$$     |
|      | 20"x60"x1" | Class A     | 99267   | 0.95  | 20  | 0.90 | White | C           | ᴡ                               | ᴡ                | 40%      | $$$$     |
|      | 21"x24"x1" | Class A     | 98220   | 0.95  | 20  | 0.90 | White | C           | ᴡ                               | ᴡ                | 40%      | $$$$     |

ClimaPlus™ Warranty Performance²

Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.
# USG HALCYON™ LOGIX™ ACOUSTICAL PANELS

## CLIMAPLUS™ PERFORMANCE

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<th>Edge</th>
<th>Panel Size</th>
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<th>Item No.</th>
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<td>40%</td>
</tr>
</tbody>
</table>

---

ClimaPlus™ Warranty Performance³

Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.
**USG HALCYON™ LOGIX™ ACoustical Panels**

## GRID PROFILE OPTIONS

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size (L) × (W)</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>UL Classified</th>
<th>LR²</th>
<th>Color</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FL</td>
<td>24&quot;x42&quot;x1&quot;</td>
<td>Class A</td>
<td>98196</td>
<td>0.95</td>
<td>20</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
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<tr>
<td>FL</td>
<td>24&quot;x48&quot;x1&quot;</td>
<td>Class A</td>
<td>98245</td>
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<td>0.90</td>
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<tr>
<td>FL</td>
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<tr>
<td>FL</td>
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<td>Class A</td>
<td>96271</td>
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<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
</tr>
<tr>
<td>FL</td>
<td>24&quot;x72&quot;x1&quot;</td>
<td>Class A</td>
<td>98348</td>
<td>0.95</td>
<td>20</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
</tr>
<tr>
<td>FL</td>
<td>24&quot;x96&quot;x1&quot;</td>
<td>Class A</td>
<td>98197</td>
<td>0.95</td>
<td>20</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
</tr>
<tr>
<td>FL</td>
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<tr>
<td>FL</td>
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<td>Class A</td>
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<tr>
<td>FL</td>
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<tr>
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<td>20</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
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**USG HALCYON™ LOGIX™ FIELD PANELS CONT.**

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size (L) × (W)</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>UL Classified</th>
<th>LR²</th>
<th>Color</th>
<th>Panel Cost</th>
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<tbody>
<tr>
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<td>4&quot;x48&quot;x1&quot;</td>
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<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
</tr>
<tr>
<td>FL</td>
<td>4&quot;x60&quot;x1&quot;</td>
<td>Class A</td>
<td>97461</td>
<td>0.95</td>
<td>200</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
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<tr>
<td>FL</td>
<td>4&quot;x72&quot;x1&quot;</td>
<td>Class A</td>
<td>97462</td>
<td>0.95</td>
<td>200</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
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<tr>
<td>FL</td>
<td>6&quot;x42&quot;x1&quot;</td>
<td>Class A</td>
<td>99197</td>
<td>0.95</td>
<td>200</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
</tr>
<tr>
<td>FL</td>
<td>6&quot;x48&quot;x1&quot;</td>
<td>Class A</td>
<td>98198</td>
<td>0.95</td>
<td>200</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
</tr>
<tr>
<td>FL</td>
<td>6&quot;x54&quot;x1&quot;</td>
<td>Class A</td>
<td>98131</td>
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<td>200</td>
<td>0.90</td>
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<td>D,E,F</td>
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<tr>
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<td>6&quot;x60&quot;x1&quot;</td>
<td>Class A</td>
<td>98199</td>
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<td>200</td>
<td>0.90</td>
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<td>D,E,F</td>
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<tr>
<td>FL</td>
<td>12&quot;x24&quot;x1&quot;</td>
<td>Class A</td>
<td>98191</td>
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<td>0.90</td>
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<td>D,E,F</td>
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<tr>
<td>FL</td>
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<td>Class A</td>
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<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
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<tr>
<td>FL</td>
<td>12&quot;x96&quot;x1&quot;</td>
<td>Class A</td>
<td>99265</td>
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<td>200</td>
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<td>White</td>
<td>D,E,F</td>
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**USG HALCYON™ LOGIX™ CHANNEL PANELS**

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size (L) × (W)</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>UL Classified</th>
<th>LR²</th>
<th>Color</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>FL</td>
<td>12&quot;x72&quot;x1&quot;</td>
<td>Class A</td>
<td>99197</td>
<td>0.95</td>
<td>200</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
</tr>
<tr>
<td>FL</td>
<td>12&quot;x96&quot;x1&quot;</td>
<td>Class A</td>
<td>98198</td>
<td>0.95</td>
<td>200</td>
<td>0.90</td>
<td>White</td>
<td>D,E,F</td>
</tr>
</tbody>
</table>

**GRID PROFILE OPTIONS**

- **A** USG DX®
- **B** USG Centricitee®
- **C** USG DX®
- **D** USG Centricitee®
- **E** USG Fineline®
- **F** USG Identitee®

**Physical Data/Footnotes**

**ClimaPlus™ Warranty Performance**

Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.

**Notes**

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2710).
4. Maximum 2’x2’ with SQ edge panels.
5. Stabilizer bar required if opening ≥ 4. Maximum 2’x2’ with SQ edge panels.
6. Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.
7. Additional custom size panels are available. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.
8. Tested in accordance with ASTM E1414 in USG Acoustical Test Facility (NVLAP Lab Code: 200132-0); not UL classified for acoustics.
9. Tested in accordance with ASTM E1414 in USG Acoustical Test Facility (NVLAP Lab Code: 200132-0); not UL classified for acoustics.

**Recycled Content**

<p>| | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</tbody>
</table>

**Maintenance**

Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean white cloth with water or a mild detergent and wipe surface.

**Maximum backloading**

See USG 30-Year Limited System Warranty Commercial Applications (SC2710).

**Treating field-cut reveal edges**

At field-cut edges “exposed to view” should be colored to match the factory finish. USG Halcyon™ Ceiling Touch-Up Paint is recommended when perimeter field cuts expose the substrate.

**Product Literature**

Data sheet: 6272
System guide: 10688

**Online tools**

usgdesignstudio.com or cgcdesignstudio.com

ASTM E1264 classification
Type X, Form 2, Pattern G

ASTM E84 and CAN/ULC S502 surface burning characteristics
Class A

Flame spread: 25 or less
Smoke developed: 50 or less

Notice

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**Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SSI and literature before specification and installation.**

**USG Logix™ Integrated Ceiling System**
USG HALCYON™ PLANKS AND LARGE SIZE ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Exceptional noise reduction with NRC values up to 1.00 and AC values up to 200 for open-plan offices.
• High light-reflective finish (LR-0.90) reduces light fixtures and energy use.
• Washable and scrubbable finish.
• Impact and scratch resistant.
• Coordinates visually with USG Mars™ Acoustical Panels for open- or closed-plan applications.
• Compatible with USG Logix™ Integrated Ceiling Systems.
• Nondirectional, monolithic visual reduces installation time and waste.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Balanced Acoustic options with Foil-Backed products.

APPLICATIONS
• Open-plan areas
• Areas with indirect lighting
• Corridors
• Convention halls and concourses
• Reception and lobby areas
• Libraries

SUBSTRATE
• Fiberglass

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

Flat White
050

Limited color options available. See Ceiling Solutions Color Program for details.
USG HALCYON™ PLANKS

USG HALCYON™ LARGE SIZE ACOUSTICAL PANELS

GRID PROFILE OPTIONS

STABILIZER BARS

ACOUSTICAL PANELS

USG HALCYON™

Acoustical Ceiling Panels

For host up-to-date technical information and lead report tool, contact sales representative.

Online tools

ulclassified

UL Classified

Fire Rating

Item No.

NRC

CAC Min.

LR

Color

Grid Options

Anti-Mold & Mildew/Sag Resistance

Recycled Content

Panel Cost

SQ

2’x6’x3/4”

Class A

97262

0.90

20

90

White

A,B

☐

☐

38%

$$$$$

2’x8’x3/4”

Class A

97263

0.90

20

90

White

A,B

☐

☐

38%

$$$$$

2’x5’x1”

Class A

99262

0.95

20

90

White

A,B

☐

☐

40%

$$$$$

SL

2’x6’x1”

Class A

99268

0.95

20

90

White

C

☐

☐

40%

$$$$$

2’x8’x1”

Class A

97360

0.90

30°

90

White

C

☐

☐

37%

$$$$$

2’x8’x1”

Class A

99269

0.95

20

90

White

C

☐

☐

40%

$$$$$

FL

2’x6’x1”

Foil-Back

Class A

98348

0.95

20

90

White

D,E,F,G

☐

☐

40%

$$$$$

2’x8’x1”

Foil-Back

Class A

97362

0.90

30°

90

White

D,E,F,G

☐

☐

37%

$$$$$

2’x8’x1”

Foil-Back

Class A

98197

0.95

20

90

White

D,E,F,G

☐

☐

40%

$$$$$

SL

4’x4’x1”

Class A

97364

0.90

30°

90

White

A,B

☐

☐

37%

$$$$$

4’x8’x1”

Class A

99443

0.95

20

90

White

C

☐

☐

40%

$$$$$

FL

4’x4’x1”

Foil-Back

Class A

97365

0.90

30°

90

White

C

☐

☐

37%

$$$$$

4’x8’x1”

Foil-Back

Class A

99445

0.95

20

90

White

D,E,F,G

☐

☐

40%

$$$$$

ClimalPlus™ Warranty Performance

Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.

Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Custom-size panels available. Please contact your USG sales representative for details.
3. Contact sales for minimum quantities and lead times.
4. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
5. Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.
6. Tested in accordance with ASTM E1414 in USG Acoustical Test Facility (IC592).
7. Tested in accordance with ASTM E1264 classification Type X, Form 2, Pattern E & G (1/4” panels).
8. Custom-size panels available. Please contact your USG sales representative for details.
9. Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.
10. Tested in accordance with ASTM E243 in USG Acoustical Test Facility (NVLAP Lab Code: 200132-0); not UL classified for acoustics.

ClimaPlus™ Warranty Performance

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USG HALCYON™ LARGE SIZE ACOUSTICAL PANELS

GRID PROFILE OPTIONS

STABILIZER BARS

ACOUSTICAL PANELS

USG HALCYON™

Acoustical Ceiling Panels

For host up-to-date technical information and lead report tool, contact sales representative.

Online tools

ulclassified

UL Classified

Fire Rating

Item No.

NRC

CAC Min.

LR

Color

Grid Options

Anti-Mold & Mildew/Sag Resistance

Recycled Content

Panel Cost

SQ

4’x4’x1”

Class A

98441

0.95

20

90

White

A,B

☐

☐

40%

$$$$$

4’x4’x1”

Foil-Back

Class A

97363

0.90

30°

90

White

A,B

☐

☐

37%

$$$$$

4’x8’x1”

Class A

98441

0.95

20

90

White

A,B

☐

☐

40%

$$$$$

SL

4’x4’x1”

Class A

97364

0.90

30°

90

White

A,B

☐

☐

37%

$$$$$

4’x8’x1”

Class A

99443

0.95

20

90

White

C

☐

☐

40%

$$$$$

FL

4’x4’x1”

Foil-Back

Class A

97365

0.90

30°

90

White

C

☐

☐

37%

$$$$$

4’x8’x1”

Foil-Back

Class A

99445

0.95

20

90

White

D,E,F,G

☐

☐

40%

$$$$$

ClimaPlus™ Warranty Performance

Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.

Notes

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10. Tested in accordance with ASTM E243 in USG Acoustical Test Facility (NVLAP Lab Code: 200132-0); not UL classified for acoustics.
USG CEILINGS® KITCHEN LAY-IN PANEL
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
- Lightweight alternative to vinyl-covered gypsum.
- Meets USDA/FSIS guidelines for use in food-processing areas.
- High light reflectance.
- Washable, water repellent, scratch and soil resistant finish.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS
- Kitchens and food preparation areas
- Restrooms and utility areas
- Locker rooms

SUBSTRATE
- Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

Flat White US50

Smooth-Textured Panel
## USG CEILINGS® KITCHEN LAY-IN PANEL

### CLIMAPLUS™ PERFORMANCE

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQ</td>
<td>2’x2’x5/8”</td>
<td>Class A</td>
<td>3210</td>
<td>–</td>
<td>35</td>
<td>0.90</td>
<td>White</td>
<td>A, B, C</td>
<td></td>
<td>24%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8”</td>
<td>Class A</td>
<td>3410</td>
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<td>35</td>
<td>0.90</td>
<td>White</td>
<td>A, B, C</td>
<td></td>
<td>24%</td>
<td>$</td>
</tr>
</tbody>
</table>

**Low Emissions (VOC)**

UL Certified (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance**

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### GRID PROFILE OPTIONS

A  
**USG DX**

B  
**USG DXLA™**

C  
**USG ZXLA™**

### PHYSICAL DATA

- **Product literature**: Data sheet: SC3226
- **ASTM E1264 classification**: Type IX, Form 2, Pattern G
- **ASTM E84 and CAN/ULC S102 surface-burning characteristics**: Class A, Flame spread 25 or less, Smoke developed 50 or less
- **Weight**: 0.60 lb./sq. ft.
- **Online tools**: usgdesignstudio.com or cgcdesignstudio.com
- **Thermal resistance**: R-1.4
- **Maximum backloading**: See USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- **Maintenance**: Can be cleaned easily with a damp sponge. Use mild detergent and water—do not use acetate, ammonia or high concentration of chlorine, bromide or other harsh chemicals.

### Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Do not use this product in close proximity to grease ducts.
3. LR values are shown as averages.
4. USG does not consider a ceiling panel to be acoustically rated if NRC is less than 0.50.
5. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
USG MARS™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Excellent noise reduction. Up to NRC-0.75.
• High light-reflective finish (LR-0.90) reduces light fixtures and energy use.
• Washable, scrubbable finish, that is impact and scratch resistant.
• Available in Optimized Recycled Content formulations to help maximize LEED recycled content contribution.
• Nondirectional, monolithic visual reduces installation time and waste.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• GREENGUARD Gold Certified for low-emitting performance.
• Balanced Acoustics. High-NRC and High-CAC.
• USG Mars™ Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
• Offices and conference rooms
• Healthcare (HIPAA requirements)
• Classrooms
• Dining rooms and food-prep areas

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

Flat White
OS0

Limited color options available. See Ceiling Solutions Color Program for details.
### USG MARS™ PANELS

**USG MARS™ ACOUSTICAL PANELS**

**CLIMAPLUS™ PERFORMANCE**

**Low Emissions (VOC)**

**ClimaPlus™ Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

---

**GRID PROFILE OPTIONS**

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<th>Edge</th>
<th>Panel Size</th>
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<th>Item No.</th>
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<th>Color</th>
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<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
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### PHYSICAL DATA/FOOTNOTES

- **USG DX™**
- **USG DXW™**
- **USG Centricitee™**
- **USG Fineline™**
- **USG Identitee™**

**Product literature**
Data sheet: SC1966

**ASTM E236-4 classification**
Type IV, Form 1 and 2, Pattern E, G

**ASTM E84 and CAN/ULC S102 surface-burning characteristics**
Class A

**Smoke developed**
25 or less

**Flame spread**
25 or less

**Fire face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold, mildew, and bacteria. For details, see USG 30 Year Limited System Warranty Commercial Applications (SC2102).

**Maintenance**
Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface.

**Cost**

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<th>A USG DX™</th>
<th>B USG DXW™</th>
<th>C USG Centricitee™</th>
<th>D USG DX™</th>
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**Order samples/literature**
USG usg.com or samplit.usg.com

**Technical Services**
800 USG 4YOU (874-4968)

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usgdesignstudio.com cgcdesignstudio.com

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Manufactured by USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

---

**Notes**
- For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- LR values are shown as averages.
- Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold, mildew, and bacteria. For details, see USG 30 Year Limited System Warranty Commercial Applications (SC2102).
- Maximum 2’x2’ with SQ edge panels.
- Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.
- Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG MARS™ HEALTHCARE ACOUSTICAL PANELS CLIMAPLUS™ PERFORMANCE WITH CLEAN ROOM, HIGH-NRC AND AIRCARE™ COATING OPTIONS

FEATURES AND BENEFITS
• Water-repellent membrane designed to be durable and safe with common disinfectants.**
• Washable and soil-resistant finish. Impact and scratch resistant.
• Acoustics and cleanability exceed FGI guidelines for healthcare.
• Meets USDA/FSIS guidelines for use in food-processing areas.
• Achieves FDA standards for smoothness, durability and cleanability.
• Clean Room tested to ISO 5 (Class 100) (Items 86169CR, 88189CR, 86684CR, 88683CR).
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• AirCare™ coating applied to face and back reduces 75% of formaldehyde over a 10-year period.4
• GREENGUARD Gold certified for low emitting performance.
• Balanced Acoustics. High-NRC and High-CAC provide excellent sound control that assist in addressing HIPAA standards.
• USG Mars™ Healthcare Acoustical Panels is part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
• Kitchen and food-prep areas
• Lavatories and restrooms
• Laboratories and Clean Rooms
• Nurses’ stations/waiting rooms
• Treatment/patient rooms

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
## USG MARS™ HEALTHCARE ACOUSTICAL PANELS
### CLIMAPLUS™ PERFORMANCE — NEW CLEAN ROOM, HIGH-NRC AND AIRCARE™ COATING OPTIONS

**UL Classified**

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**Low Emissions (VOC)**
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v12 – 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

---

**USG MARS™ HEALTHCARE HIGH-NRC PANELS 85/35**
Plant-Based Binder

**USG MARS™ HEALTHCARE HIGH-NRC/ HIGH-CAC PANELS 80/40**
Plant-Based Binder

**USG MARS™ HEALTHCARE PANELS 75/35**

**USG MARS™ HEALTHCARE HIGH-CAC PANELS 60/40**

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CPC: Contact Sales Representative

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USG MARS™ HEALTHCARE ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE — NEW CLEAN ROOM, HIGH-NRC AND AIRCARE™ COATING OPTIONS

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</table>

Low Emissions (VOC)

ClimaPlus™ Warranty Performance²
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

¹UL Classified
²Resistant to fire and smoke
³No Visible Sag
⁴Class A
⁵UL Listed
⁶UL Classified
⁷UL Listed/Classified
⁸High Recycled Content
⁹Class A
¹⁰UL Listed/Classified
¹¹UL Classified
²²UL Listed/Classified
²³UL Classified
²⁴UL Listed/Classified
²⁵UL Classified
## USG Mars™ Healthcare Acoustical Panels

**Climaplus® Performance — New Clean Room, High-NRC and AirCare™ Coating Options**

<table>
<thead>
<tr>
<th>Grid Profile Options</th>
<th>Product Literature</th>
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<tbody>
<tr>
<td>A USG DX™</td>
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<td>B USG DXW™</td>
<td>ASTM E264 classification Type IV, Form 1 and 2, Pattern E, G</td>
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<tr>
<td>C USG Centricitee™ DX™</td>
<td>ASTM E84 and CAN/ULC S102 surface-burning characteristics Class A</td>
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<tr>
<td>D USG DXL™</td>
<td>Frame Spread: 25 or less</td>
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<td>Smoke Developed: 50 or less</td>
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<td>E USG ZXLA™</td>
<td>Weight: 0.031-0.124 lb./sq. ft.</td>
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<tr>
<td>F USG AX™</td>
<td>Thermal resistance R-2.2</td>
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<tr>
<td>G USG DX™</td>
<td>Maximum backloading See USG 30-Year Limited System Warranty Commercial Applications (SC2102).</td>
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<td>H USG DXL™</td>
<td>Online tools usgdesignstudio.com or cgcdesignstudio.com</td>
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<td>I USG ZXLA™</td>
<td>ASTM D2486 scrubbability test (standard test)</td>
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<td>J USG AX™</td>
<td>ASTM D4828 washability test (modified test)</td>
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<td>K USG Centricitee™ DX™</td>
<td>Water repellency (Cobb method: Tappi T441 om-84) Water Drop Test.</td>
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**Footnotes**

1. For more information, please reference test report from Brand CE™.
2. LR values are shown as averages.
3. FML panels may be sealed with white latex paint. Use square edge panels for all lay-in field-cut perimeter panels. Clean-Room-rated applications require a suspension system with gasketed tee flanges such as USG Donn® Brand CE™.
4. AirCare™ coating removes formaldehyde by an average of 75% over 10 years at an average indoor concentration of 0.075 ppm.
5. Usable edge panels. For more information please refer to the USG Mars™ Acoustical Panels Health Product Declaration, available at www.usg.com

**Maintenance**

To clean panel, use a clean, white cloth with water or a mild detergent and wipe clean with a clean, white cloth. Acceptable colorless disinfectants include:
- Hydrogen peroxide
- Isopropyl alcohol
- Quaternary ammonium
- Sodium hypochlorite

Do not mix cleaners. Follow cleaner manufacturer’s recommendations.

**USG Mars™ Healthcare Clean Room**

- Field-cut edges of USG Mars™ Healthcare Clean Room panels may be sealed with white latex paint. Use square edge panels for all lay-in field-cut perimeter panels.
- Clean-Room-rated applications require a suspension system with gasketed tee flanges such as USG Donn® Brand CE™.
- Tested to ISO Class 5 particle emissions, per ISO 14644, by UL Environment. Rating may decrease to ISO Class 7 or greater with airflow above 1ACH, pressure fluctuations, or vibrations in the ceiling system.
- For more information, please reference test report from UL Environment.
USG MARS™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER

FEATURES AND BENEFITS

• Balanced Acoustics. Wide range of options. Sound absorption NRC up to 0.90 and sound attenuation CAC up to 40.
• High light-reflective finish (LR-0.90 White products).
• Washable and scrubbable finish.5
• Impact and scratch resistant.6
• Coordinates visually with USG Halcyon™ Acoustical Panels for open- or closed-plan applications.
• Nondirectional, monolithic visual reduces installation time and waste.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• GREENGUARD Gold certified for low emitting performance.
• USG Mars™ High-NRC/High-CAC Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

• Offices
• Healthcare
• Classrooms and corridors
• Reception areas and lobbies
• Department stores and retail
• Restaurants and hospitality

SUBSTRATE

• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PREMIUM COLORS

Dawn 3679
Old Stone 3691
Sea Shell 3678
Light Brown 3690
Nut Brown 3680
Peat 3682
Flat White 050

STANDARD COLOR

Shale 3683
Ocean Ridge 3684
Atmosphere 3681
Laguna 3685
Grass 3688
Tangy Tape 3689

CUSTOM COLOR

Unlimited Color Options
## USG MARS™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANELS

**ClimaPlus™ Performance with Plant-Based Binder**

- **30-Year Limited System Warranty**
- **No Visible Sag**
- **Mold/Mildew Protection**
- **Balanced Acoustics**
- **High Recycled Content**
- **Premium Color Palette**
- **Custom Color**
- **UL Listed**
- ** Declare® Certified**
- **ECOBLUEPRINT Certified**

### Low Emissions (VOC)
Low emissions (VOC) is verified by STELLAR A24. For up-to-date technical information, visit usgdesignstudio.com and cgcdesignstudio.com.

### Technical Services
- **ORDER SAMPLES/LITERATURE**
  USG: usg.com or samplit@usg.com
  CGC: contact Sales Representative
- **TECHNICAL SERVICES**
  800 USG.4YOU (874-4968)

### FOR MOST UP-TO-DATE TECHNICAL INFORMATION
usgdesignstudio.com
cgcdesignstudio.com

### Product Certified

### USG MARS™ HIGH-NRC PANELS
90/30 Plant-Based Binder

### USG MARS™ HIGH-NRC PANELS
85/35 Plant-Based Binder

### Acoustical Ceiling Panels

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<th>CAC Min.</th>
<th>LR1</th>
<th>Color Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Recycled Content</th>
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<td>69%</td>
<td>$ $ $</td>
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### Low Emissions (VOC)

### ClimaPlus™ Warranty Performance
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
USG MARS™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS:
UL.COM/GG
UL 2818
ORDER SAMPLES/LITERATURE
USG: usg.com or samplit@usg.com
CGC: contact Sales Representative
TECHNICAL SERVICES
800 USG.4YOU (874-4968)

YEAR LIMITED SYSTEM WARRANTY
• No Visible Sag
• Mold/Mildew Protection

BALANCED ACOUSTICS
HIGH RECYCLED CONTENT
CUSTOM COLOR

USG MARS™ HIGH-NRC PANELS
80/35
Plant-Based Binder

USG MARS™ HIGH-CAC PANELS
60/40
Plant-Based Binder

低排放（VOC）
第三方（GREENGUARD Gold）认证，符合加州公共卫生部（CDPH）标准方法v1.2 - 2017（CA Section 01350）的低排放性能标准。符合California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350)。‘Certificate of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

ClimaPlus™ 售后保修
含有广谱抗菌添加剂，使其表面和背面具有抵抗霉菌和霉变的性能，包括耐锯切性。

高回收率
USG将高回收率定义为超过50%。回收率是基于产品成分，包括后处理和预处理（生产过程）回收率，根据 FTC 指南计算。

Low Emissions (VOC)
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

ClimaPlus™ Warranty Performance
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

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<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Recycled Content¹</th>
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² Color options available.
## USG MARS™ HIGH-NRC/HIGH-CAC ACoustical Panels

**CLIMAPLUS™ Performance with Plant-Based Binder**

### Physical Data/Footnotes

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<td>Smoke developed: 50 or less</td>
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### Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold, mildew and bacteria. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. Maximum 2’x2’ with SQ edge panels.
5. Acoustic values are for white only. Colored values are lower depending on specific color selected.
6. White panels only.
8. Not available in Premium or Custom Colors.
9. All USG Mars™ High NRC Acoustical Panels with a “plant-based binder” label contain up to 65% plant-based material in the binder. For more information please refer to the USG Mars™ Acoustical Panels Health Product Declaration, available at www.usg.com

### Product Literature

- Data sheet: SC2487
- ASTM E1264 classification
- Type IV, Form 1 and 2, Pattern E, G
- ASTM E84 and CAN/ULC S102
- Surface-burning characteristics: Class A
- Flame spread: 25 or less
- Smoke developed: 50 or less
- Weight: 1.09 - 1.36 lb./sq.ft.
- Online tools: usgdesignstudio.com or cgcdesignstudio.com

### Thermal Resistance

- R-2.2

### Maximum Backloading

See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

### Maintenance

Can be cleaned easily with a soft brush or vacuum. To clean white panels, use a clean, white cloth with water or a mild detergent and wipe surface.

### Metric Sizes

- Contact sales for minimum quantities and lead times.

### Notes

- 1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- 2. LR values are shown as averages.
- 3. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold, mildew and bacteria. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
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USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER™

FEATURES AND BENEFITS
- Compatible with USG Logix™ Integrated System.
- Monolithic, structured ceiling visual using standard components.
- High light-reflective finish (LR-0.90) reduces light fixtures and energy use.
- Washable and scrubbable finish—impact and scratch resistant.
- Coordinates visually with USG Halcyon™ Logix™ Acoustical Panels for open/closed-plan applications.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- Balanced Acoustics. High-NRC and High-CAC.
- USG Mars™/Mars™ High-NRC Logix™ Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
- Open-plan offices
- Conference rooms
- Reception and lobby areas
- Media centers and libraries
- Airports
- Spaces with indirect or natural lighting

SUBSTRATE
- Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

Flat White 050
Limited color options available. See Ceiling Solutions Color Program for details.

USG Mars™ Acoustical Panels with ClimaPlus™ Performance, and USG Donn® Brand DX® Acoustical Suspension System

© Andrew Latreille
Architects: Perkins+Will/KRA/Group2
# USG MARS™/MARS™ HIGH-NRC LOGIX™
## ACOUSTICAL PANELS 75/35
### CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER

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**Low Emissions (VOC)**
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method 1.2 – 2007 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

---

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CGC: contact Sales Representative
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ClimaPlus™ Warranty Performance Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer (preindustrial) recycled content per FTC guidelines.

USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS 75/35

ULARIFIED SYSTEM WANTED

YEAR LIMITED SYSTEM WARRANTY
• No Visible Sag
• Mold/Mildew Protection

BALANCED ACOUSTICS

HIGH RECYCLED CONTENT

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS:
 UL.COM/GG
 UL 2818

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UL CLASSIFIED

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**USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS 75/35**  
**CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER™**

### Year Limited System Warranty
- No Visible Sag
- Mold/Mildew Protection

### Balanced Acoustics
- High Recycled Content

**UL Classified**

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**Low Emissions (VOC)**  
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 – 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance**  
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**  
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
### USG MARS™/MARS™ HIGH-NRC LOGIX™ ACoustical Panels 80/35

**ClimaPlus™ Performance with Plant-Based Binder**

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<th>CAC Min.</th>
<th>LR²</th>
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<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Recycled Content¹</th>
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### Low Emissions (VOC)
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

### ClimaPlus™ Warranty Performance²
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
**USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS 80/35**

**CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER**

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<th>CAC Min.</th>
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<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
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**USG MARS™ HIGH-NRC LOGIX™ FIELD PANELS 80/35**

Plant-Based Binder

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<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
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**Low Emissions (VOC)**
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com. **ClimaPlus™ Warranty Performance³**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance. **High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
## USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS 80/35

**CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER™**

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<th>Item No.</th>
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<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
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<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
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<th>Panel Cost</th>
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Low Emissions (VOC)


ClimaPlus™ Warranty Performance

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
## USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS 85/35

**UL Classified**

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<th>Item No.</th>
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### Low Emissions (VOC)
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v2 - 2007 (CA Section 01350) "Certificates of Compliance" for Low VOC Emissions are available on usg.com and at spot.ul.com.

### ClimaPlus™ Warranty
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and postindustrial (recycled) materials.

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**USG MARS™ HIGH-NRC LOGIX™ FIELD PANELS 85/35**

**Plant-Based Binder**

**USG MARS™ HIGH-NRC LOGIX™ CHANNEL PANELS 85/35**

**Plant-Based Binder**

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**Product Certified for Low Chemical Emissions**: UL.COM/GG

**UL 2818**

**Order Samples/Literature**: USG: usg.com or samplit@usg.com

**CPC**: Contact Sales Representative

**Technical Services**: 800 USG.4YOU (874-4968)
**USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS 85/35**

**ClimaPlus™ Performance with Plant-Based Binder™**

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**Low Emissions (VOC)**
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**ClimaPlus™ Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

---

<sup>a</sup> Panel Size: Measurements are in inches.

<sup>b</sup> LR: Sound Transmission Class (STC) Rating

<sup>c</sup> Recycled Content: Percentage of postconsumer and preconsumer (postindustrial) recycled content.

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USG MARS™ HIGH-NRC
LOGIX™ FIELD PANELS
85/35

Plant-Based Binder™

USG MARS™ HIGH-NRC
LOGIX™ CHANNEL PANELS
85/35

Plant-Based Binder™

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**UL Classified**

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Order samples/literature
USG: usg.com or sample@usg.com
CGC: contact Sales Representative

designed in partnership with

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## USG MARS™/MARS™ HIGH-NRC LOGIX™ ACoustical Panels 85/35

ClimaPlus™ Performance with Plant-Based Binder

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Low Emissions (VOC)

ClimaPlus™ Warranty Performance
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content
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**USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS 90/30**

**CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER™**

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<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
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### USG MARS™ HIGH-NRC LOGIX™ FIELD PANELS 90/30
Plant-Based Binder

### USG MARS™ HIGH-NRC LOGIX™ CHANNEL PANELS 90/30
Plant-Based Binder

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**UL Classified**

**Low Emissions (VOC)**

**ClimaPlus™ Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
### USG MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS 90/30

**ClimaPlus™ Performance with Plant-Based Binder 7**

#### Edge Panel Size

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<th>LR²</th>
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**Low Emissions (VOC)**  
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). Certificates of Compliance¹ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance²**  
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**  
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

---

¹ Certificates of Compliance for Low VOC Emissions.  
²USG MARS™/MARS™ HIGH-NRC LOGIX™ CHANNEL PANELS 90/30

**USG MARS™ HIGH-NRC LOGIX™ FIELD PANELS 90/30**  
Plant-Based Binder 7
GRID PROFILE OPTIONS

PHYSICAL DATA/FOOTNOTES

USG MARS™/MARS™ HIGH-NRC LOGIX™ ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER™

Product literature
Data sheet: IS274
System guide: IS268
ASTM E1264 classification
Type IV, Form 1 and 2, Pattern E, G
ASTM E84 and CAN/ULC S102
surface-burning characteristics
Class A
Flame spread: 25 or less
Smoke developed: 50 or less

Weight
1.01 lb/sq. ft. (3/4”)
1.09-1.12 lb/sq. ft. (7/8”)
1.25 lb/sq. ft. (1”)

Online tools
usgdesignstudio.com or cgcdesignstudio.com

Thermal resistance
R-2.2 (3/4”)

Maintenance
Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean white cloth with water or a mild detergent and wipe surface.

Maximum backloading
See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

Notes
1. For details see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. Panel face and back surfaces treated with a proprietary broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. Maximum 2’x2’ with SQ edge panels.
5. Stabilizer bar required if opening ≥ 60”.
6. Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.
7. All USG Mars™ High NRC Acoustical Panels with a “plant-based binder” label contain up to 65% plant-based material in the binder. For more information, please refer to the USG Mars™ Acoustical Panels Health Product Declaration, available at www.usg.com
8. Tested in accordance with ASTM C423 in USG Acoustical Test Facility (NVLAP Lab Code: 200132-0); not UL classified for acoustics.
9. Tested in accordance with ASTM E1414 in USG Acoustical Test Facility (NVLAP Lab Code: 200132-0); not UL classified for acoustics.

GRID PROFILE OPTIONS

A
USG DX™

B
USG Centricitee™ DXT™

C
USG DX™

D
USG Centricitee™ DXT™

E
USG Fineline™ DXF™

F
USG Identitee™ DXI™

Product Literature
Data sheet: IS274
System guide: IS268

Year Limited System Warranty
• No Visible Sag
• Mold/Mildew Protection

Balanced Acoustics
High Recycled Content

EcoBlueprint
Declare™

Notice
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Manufactured by USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG MARS™ PLANKS/USG MARS™ HIGH-NRC PLANKS
CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER

FEATURES AND BENEFITS
• Highest NRC (0.90) mineral fiber plank offering available.
• High light-reflective finish (LR-0.90) reduces light fixtures and energy use.
• Washable and scrubbable finish.
• Impact and scratch resistant.
• Available in Optimized Recycled Content formulations to help maximize LEED recycled content contribution.
• Nondirectional, monolithic visual reduces installation time and waste.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Balanced Acoustics. High-NRC and High-CAC.
• GREENGUARD Gold certified for low-emitting performance.
• USG Mars™ Planks/USG Mars™ High-NRC Planks are part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
• Offices
• Classrooms
• Healthcare
• Corridors
• Reception and lobby areas
• Convention halls and concourses

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
**USG MARS™ PLANKS/USG MARS™ HIGH-NRC PLANKS**

**CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER®**

### Year Limited System Warranty
- No Visible Sag
- Mold/Mildew Protection

### Balanced Acoustics
- High Recycled Content

---

**ORDER SAMPLES/LITERATURE**
- USG: usg.com or samplit@usg.com
- CGC: contact Sales Representative
- TECHNICAL SERVICES
  - 800 USG.4YOU (874-4968)

**FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL**
- usgdesignstudio.com
- cgcdesignstudio.com

---

**PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS: UL.COM/GG**

**UL 2818**

---

### USG MARS™ PLANKS

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<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
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<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
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### Low Emissions (VOC)

### ClimaPlus™ Warranty Performance
- Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### High Recycled Content
- USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
## USG MARS™ PLANKS/USG MARS™ HIGH-NRC PLANKS

### ClimaPlus™ Performance with Plant-Based Binder®

**UL Classified**

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<td>70%</td>
<td>$5</td>
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**Low Emissions (VOC)**

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance³**

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

---

1. USG MARS™ HIGH-NRC PLANKS CONT. Plant-Based Binder
3. UL Certified
4. Fire Rating: Class A
5. NRC: Noise Reduction Coefficient
6. CAC: Critical Acoustics Coefficient
7. LR: Low Molding Resistance
8. Color: White
9. Grid Options: C
10. VOC Emissions: Low
11. Anti-Mold & Mildew/Sag Resistance: C
12. Recycled Content: 67%
13. Panel Cost: $5

---

USG MARS™ HIGH-NRC PLANKS

- No Visible Sag
- Mold/Mildew Protection
- Balanced Acoustics
- High Recycled Content

For most up-to-date technical information and LEED report tool, visit usgdesignstudio.com and cgcdesignstudio.com.
**USG MARS™ PLANKS/USG MARS™ HIGH-NRC PLANKS**

**CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER®**

**GRID PROFILE OPTIONS**

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<th>B</th>
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<th>D</th>
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<th>F</th>
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<td>USG DX®</td>
<td>USG DXW™</td>
<td>USG DX®</td>
<td>USG Centricitee® DXT™</td>
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<td>USG Identitee® DXI™</td>
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**PHYSICAL DATA/FOOTNOTES**

**Product literature**
- Data sheet: SC2509
- ASTM E1264 classification
  - Type IV, Form 1 and 2, Pattern E, G
- ASTM E84 and CAN/ULC S102
  - surface-burning characteristics
  - Class A
  - Flame spread: 25 or less
  - Smoke developed: 50 or less
- Weight
  - 1.0 lb./sq. ft. (3/4” panel)
  - 1.29-1.32 lb./sq. ft. (7/8” panels)
  - 1.25 lb./sq. ft. (1” panels)

**Online tools**
- usgdesignstudio.com or cgcdesignstudio.com
- USG ED, Year Limited System Warranty Commercial Applications (SC2102).

**Thermal resistance**
- R-2.2 (3/4” panel)

**Maximum backloading**
- See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

**Maintenance**
- Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray the surface and wipe clean with a clean, white cloth.

**Metric sizes available**
- Contact sales for minimum quantities and lead times.

**Notes**
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold and mildew. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. Stabilizer bar required if opening ≥ 60”. For more information about stabilizer bars, please refer to Plank and Large Panel Stabilizer Bars Application Guide (IC592).
5. Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.
6. All USG MARS™ High NRC Acoustical Panels with a “plant-based binder” label contain up to 65% plant-based material in the binder. For more information please refer to the USG MARS™ Acoustical Panels Health Product Declaration, available at www.usg.com.

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Manufactured by
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- 550 West Adams Street
- Chicago, IL 60661

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USG MILLENNIA®/USG MILLENNIA® HIGH-NRC ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Balanced Acoustics. Sound absorption up to 0.75 NRC and sound attenuation up to 35 CAC.
• High NRC panels meet the demanding sound control needs of open-plan offices.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS
• Retail stores
• Hospitality
• Office and conference areas
• Transportation terminals
• Libraries
• Reception and lobby areas

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

USG Millennia® Acoustical Panels with ClimaPlus™ Performance, and USG Donn® Brand Identitee® DXI™ Acoustical Suspension System

Flat White USO
Fine-Textured Panel
# USG MILLENNIA/USG MILLENNIA® HIGH-NRC ACOUSTICAL PANELS

## CLIMAPLUS™ PERFORMANCE

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<td></td>
</tr>
</tbody>
</table>

The look of 2’x2’ panels

---

### Low Emissions (VOC)


### ClimaPlus™ Warranty Performance

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

---

## GRID PROFILE OPTIONS

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C*</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
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</thead>
<tbody>
<tr>
<td>USG DX®</td>
<td>USG DXW®</td>
<td>USG Centricite® DXT™</td>
<td>USG DX®</td>
<td>USG Centricite® DXT™</td>
<td>USG Fineline® DXFF™</td>
<td>USG Fineline® 1’/8DXFF™</td>
<td>USG Identitee® DXI™</td>
<td>USG Centricite® DXT™</td>
</tr>
</tbody>
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---

## PHYSICAL DATA/FOOTNOTES

- **Product literature**: Data sheet: SC1824
- **ASTM E6264 classification**: Type III, Form I, Pattern E, G
- **ASTM E84 and CAN/ULC S102 surface-burning characteristics**: Class A
- **Flame spread**: 25 or less
- **Smoke developed**: 50 or less
- **Weight**: 6.00-1.03 lb./sq. ft. (panels and tile)
- **Thermal/Resistance**: R-2.0
- **Maximum backloading**: See USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- **Maintenance**: Can be cleaned easily with a soft brush or vacuum.
- **Proprietary technology**: This product’s unique combination of sag resistance and sound performance results from a proprietary technology.
- **Warranty**: Contact sales for minimum quantities and lead times.
- **Notes**: 1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com. 2. ULI values are shown as averages. 3. Panels have a T5/6” rout. 4. Panels have a T7/8” rout. 5. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold and mildew. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102). 6. Maximum 2’x2’ with 50 edge panels.

---

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**Safety First**: Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG OLYMPIA™ MICRO™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Nondirectional pattern reduces installation time and waste.
• Economical, fine-textured panel.
• Excellent light-reflective finish (LR-0.86) reduces light fixtures and energy use.
• USDA Certified Biobased Product.7
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS
• Offices
• Classrooms
• Reception/lobby areas
• Hotels
• Conference areas
• Retail stores

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
### USG Olympiа™ Micro™ ACOUSTICAL PANELS

**CLIMAPLUS™ PERFORMANCE**

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR$^1$</th>
<th>Color Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Recycled Content$^2$</th>
<th>Panel Cost</th>
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<td>SQ</td>
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<td>Class A</td>
<td>4210</td>
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<td>35</td>
<td>0.86</td>
<td>White A,B,C</td>
<td>Low</td>
<td>41%</td>
<td>$</td>
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<tr>
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<td>4411</td>
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</tr>
<tr>
<td>SLT</td>
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<td>35</td>
<td>0.86</td>
<td>White D</td>
<td>Low</td>
<td>41%</td>
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<td>41%</td>
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<td>$</td>
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<td>4431</td>
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<td>$</td>
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<td>White A,B,C</td>
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<td>58%</td>
<td>$</td>
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<td>Class A</td>
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<td>White D</td>
<td>Low</td>
<td>58%</td>
<td>$</td>
<td></td>
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<tr>
<td></td>
<td>2'x4'x3/4&quot;</td>
<td>Class A</td>
<td>4744</td>
<td>0.50</td>
<td>35</td>
<td>0.86</td>
<td>White I,J</td>
<td>Low</td>
<td>58%</td>
<td>$</td>
<td></td>
</tr>
</tbody>
</table>

#### PATTERNS

- **USG Olympiа™ Micro™ Illusion™ Two/24**
  - The look of 2’x2’ panels

### GRID PROFILE OPTIONS

#### PHYSICAL DATA/FOOTNOTES

**Low Emissions (VOC)**
- Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350): *‘Checks of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.*

**ClimaPlus™ Warranty Performance**
- Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
- USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### ACoustical Ceiling Panels

- **UL Classified**
- **UL 2818**
- **UL.COM/GG**
- **EMISSIONS:** For Low Chemical Product Certified
- **Low Emissions (VOC)**

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  - Chicago, IL 60661
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  - Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

### FOOTNOTES

- 1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- 2. LR values are shown as averages.
- 3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- 4. Panels have 15/16” routing.
- 5. Panels have 9/16” routing.
- 6. LR values are shown as averages.
- 7. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.
- 8. Maximum 2’x2’ with SQ edge panels.
- 9. Item numbers 4210 and 4913 are not UL Classified for acoustics.

### AVAILABILITY

- **YEAR LIMITED SYSTEM WARRANTY**
- **UL 2019** 4210, 4221, 4411, 4421, 4431, 4750, 4751, 4752, 4753, 4754, 4755, 4758
- **CLIMAPLUS PERFORMANCE**
- **HIGH RECYCLED CONTENT**
- **HRC**
- **MICRO™ ILLUSION™**
- **TWO/24 PANELS**
- **USG Olympiа™ Micro™**
- **USG: usg.com**
- **CGC: contact Sales Representative for Most up-to-date Technical Information and Leed Report Tool**
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USG ORION™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Excellent noise reduction.
• High light-reflective finish (LR-0.87) reduces light fixtures and energy use.
• Nondirectional, monolithic visual reduces installation time and waste.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Wide range of acoustical performance.
• USG Orion™ Acoustical Panels are part of the Ecobuilding™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
• Offices
• Conference rooms
• Healthcare (HIPAA requirements)
• Classrooms
• Corridors
• Reception/lobby areas
• Dining rooms

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
GRID PROFILE OPTIONS

USG ORION™ 60

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<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Recycled Content¹</th>
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<td>A,B,C</td>
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<td>71%</td>
<td>$</td>
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<td>A,B</td>
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<td>71%</td>
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USG ORION™ 75

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<th>Color</th>
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<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Recycled Content¹</th>
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<td>$$</td>
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<td>2’x4’x5/8”</td>
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<td>$$</td>
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<td>FLB</td>
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<td>69%</td>
<td>$$</td>
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USG ORION™ 85

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<th>Panel Size</th>
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<th>Item No.</th>
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<th>Anti-Mold &amp; Mildew</th>
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<td>2’x4’x5/8”</td>
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<td>62163</td>
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<td>White</td>
<td>E,F,G,H</td>
<td>Low</td>
<td>71%</td>
<td>$$</td>
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</tbody>
</table>

Physical Data/Footnotes

Low Emissions

ClimaPlus™ Warranty Performance³
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

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CGC: contact Sales Representative
Technical Services
USG: 800 USG.4YOU (874-4968)
CGC: designstudio.com
CGC: designstudio.com

For Most Up-to-Date Technical Information and Lead Report Tool
USG Design Studio: usgdesignstudio.com
CGC Design Studio: cgcdesignstudio.com

Grid Size

USG Orion™ A

Physical Data/Footnotes

UL Classified

VOC Emissions

Anti-Mold & Mildew

Recycled Content¹

Notes
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold, mildew and bacteria. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. Maximum 2’x2’ with 5Q edge panels.

Notes
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold, mildew and bacteria. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. Maximum 2’x2’ with 5Q edge panels.

Product Literature

Data sheet: SC2648

ASTM E84-44 classification
Mineral Fiber, Type IV, Form 1 and 2, Pattern E,G

ASTM E84 and CAN/ULC S102 surface-burning characteristics
Class A
Flame spread: 25 or less
Smoke developed: 50 or less

Weight
0.71 lb./sq. ft. 1/2” Mineral Fiber
0.63 lb./sq. ft. 5/8” Mineral Fiber

Online tools
usgdesignstudio.com or cgcdesignstudio.com

Thermal resistance
R-1.8

Maximum backloading
See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

Maintenance
Can be cleaned easily with a soft brush or vacuum. To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface.

Metric sizes available
Contact sales for minimum quantities and lead times.

Cost

Acoustical Ceiling Panels

UL 2818
UL.COM/GG
EMISSIONS:
FOR LOW CHEMICAL
PRODUCT CERTIFIED
USG ORION™ 60
USG ORION™ 75
USG ORION™ 85

USG DXFF™
USG DXI™
USG DXT™
USG DXW™
USG Fineline®
USG Identitee®
USG Centricitee™
USG 30-Year Limited System Warranty Commercial Applications

Safety First! Follow good safety/industrial hygiene practices during installation. Wear standard personal protective equipment. Read SDS and literature before specification and installation.
USG PEBBLED™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS

• Economical, medium-textured ceiling panel has upscale appearance.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS

• Schools
• Corridors
• General offices
• Retail stores

SUBSTRATE

• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
### USG PEBBLED™ ACOUSTICAL PANELS

#### CLIMAPLUS™ PERFORMANCE

**YEAR LIMITED SYSTEM WARRANTY**
- No Visible Sag
- Mold/Mildew Protection

#### GRID PROFILE OPTIONS

**Low Emissions (VOC)**
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew.

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR²</th>
<th>Color Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQ</td>
<td>2’x2’x5/8”</td>
<td>Class A</td>
<td>4801</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td>White A,B,C</td>
<td>Low</td>
<td></td>
<td>42%</td>
<td>$$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8”</td>
<td>Class A</td>
<td>4800</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td>White A,B</td>
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<td></td>
<td>42%</td>
<td>$$</td>
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<tr>
<td>SLT</td>
<td>2’x2’x5/8”</td>
<td>Class A</td>
<td>4805</td>
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<td>$$</td>
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<tr>
<td>FLB</td>
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<td>4867</td>
<td>0.55</td>
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<td>White E,F,G,H</td>
<td>Low</td>
<td></td>
<td>42%</td>
<td>$$</td>
</tr>
</tbody>
</table>

### PHYSICAL DATA/FOOTNOTES

- **USG PEBBLED™ PANELS**
- **GRID PROFILE OPTIONS**
- **PHYSICAL DATA/FOOTNOTES**

#### Low Emissions (VOC)
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

#### ClimaPlus™ Warranty Performance
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew.

<table>
<thead>
<tr>
<th>Edge</th>
<th>USG DX®</th>
<th>USG DXW™</th>
<th>USG Centricitee™</th>
<th>DXT™</th>
<th>USG DX®</th>
<th>USG Centricitee™</th>
<th>DXI™</th>
<th>USG Fineline®</th>
<th>DXF™</th>
<th>USG Fineline®</th>
<th>1/8 DXFF™</th>
<th>USG Identitee®</th>
<th>DXI™</th>
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<tr>
<td>A</td>
<td></td>
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<td></td>
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<td></td>
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<td>B</td>
<td>USG DXW™</td>
<td></td>
<td></td>
<td></td>
<td>USG DX®</td>
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<td></td>
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</tr>
<tr>
<td>C</td>
<td>USG Centricitee™</td>
<td>DXT™</td>
<td></td>
<td></td>
<td>USG DX®</td>
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<td>D</td>
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</tr>
<tr>
<td>E</td>
<td>USG Centricitee™</td>
<td>DXT™</td>
<td></td>
<td></td>
<td>USG DX®</td>
<td></td>
<td></td>
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<tr>
<td>F</td>
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<td>DXI™</td>
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</tr>
<tr>
<td>G</td>
<td>USG Fineline®</td>
<td>1/8 DXFF™</td>
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<tr>
<td>H</td>
<td>USG Identitee®</td>
<td>DXI™</td>
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</tr>
</tbody>
</table>

#### Notice
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### Metric sizes available
Contact sales for minimum quantities and lead times.

### Notes
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. Maximum 2’x2’ with SQ edge panels.

### Metric sizes available
Contact sales for minimum quantities and lead times.

### Notes
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. Maximum 2’x2’ with SQ edge panels.

**Product literature**
Data sheet: SC1836
ASTM E1264 classification
Type III, Form 2, Pattern CE
ASTM E84 and CAN/ULC S102 surface-burning characteristics
Class A
Flame spread: 25 or less
Smoke developed: 50 or less
Weight
0.83 lb./sq. ft.

**Online tools**
usgdesignstudio.com or cgcdesignstudio.com

**Thermal resistance**
R-1.4

**Maximum backloading**
See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

**Maintenance**
Can be cleaned easily with a soft brush or vacuum.

**Notes**
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. Maximum 2’x2’ with SQ edge panels.
USG PREMIER HI-LITE™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Washable vinyl face for easy maintenance.
• Excellent noise reduction with NRC of 0.70 for greater sound control in open-plan spaces.
• Lightweight fiberglass basemat makes installation fast and easy.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS
• Discount stores
• Grocery stores
• Mass merchandisers
• Retail stores

SUBSTRATE
• Fiberglass

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
### USG PREMIER HI-LITE™ ACOUSTICAL PANELS

#### CLIMAPLUS™ PERFORMANCE

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR²</th>
<th>Color¹</th>
<th>Grid Options</th>
<th>Anti-Mold &amp; Mildew/ Sag Resistance</th>
<th>Recycled Content¹</th>
<th>Panel Cost</th>
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<tbody>
<tr>
<td>USG PREMIER HI-LITE™ TWILL PANELS</td>
<td>2’x2’x5/8” Perforated</td>
<td>Class A</td>
<td>7050G</td>
<td>0.70</td>
<td>20</td>
<td>0.76</td>
<td>White</td>
<td>A, B, C, D</td>
<td>□</td>
<td>42%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x2’x5/8” Unperforated</td>
<td>Class A</td>
<td>7052G</td>
<td>0.50</td>
<td>20</td>
<td>0.76</td>
<td>White</td>
<td>A, B, C, D</td>
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<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8” Perforated</td>
<td>Class A</td>
<td>7051G</td>
<td>0.70</td>
<td>20</td>
<td>0.76</td>
<td>White</td>
<td>A, B, C, D</td>
<td>□</td>
<td>42%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8” Unperforated</td>
<td>Class A</td>
<td>7055G</td>
<td>0.50</td>
<td>20</td>
<td>0.76</td>
<td>White</td>
<td>A, B, C, D</td>
<td>□</td>
<td>42%</td>
<td>$</td>
</tr>
<tr>
<td>USG PREMIER HI-LITE™ KAPOK PANELS</td>
<td>2’x2’x5/8” Perforated</td>
<td>Class A</td>
<td>7054G</td>
<td>0.70</td>
<td>20</td>
<td>0.76</td>
<td>White and Black</td>
<td>A, B, C, D</td>
<td>□</td>
<td>42%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x2’x5/8” Unperforated</td>
<td>Class A</td>
<td>7056G</td>
<td>0.50</td>
<td>20</td>
<td>0.76</td>
<td>White and Black</td>
<td>A, B, C, D</td>
<td>□</td>
<td>42%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8” Perforated</td>
<td>Class A</td>
<td>7055G</td>
<td>0.70</td>
<td>20</td>
<td>0.76</td>
<td>White and Black</td>
<td>A, B, C, D</td>
<td>□</td>
<td>42%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8” Unperforated</td>
<td>Class A</td>
<td>7057G</td>
<td>0.50</td>
<td>20</td>
<td>0.76</td>
<td>White and Black</td>
<td>A, B, C, D</td>
<td>□</td>
<td>42%</td>
<td>$</td>
</tr>
</tbody>
</table>

#### Grid Profile Options

**A**

USG DX

**B**

USG DXW™

**C**

USG ZXLA™

**D**

USG AX™

#### PHYSICAL DATA/FOOTNOTES

- **Product literature:** Data sheet: SC1838
- **ASTM E1264 classification:** Type Xl, Form I, Pattern CE (Perforated), Pattern E (Unperforated)
- **ASTM E44 and CAN/ULC S102 surface-burning characteristics:** Class A
- **Flame spread:** 25 or less
- **Smoke developed:** 50 or less
- **Online tools:** usgdesignstudio.com or cgcdesignstudio.com
- **Weight:** 0.18 lb./sq. ft.
- **Thermal resistance:** R-2.7
- **Maximum backloading:** See USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- **Maintenance:** Can be cleaned easily with a damp sponge.
- **Metric sizes available:** Contact sales for minimum quantities and lead times.

#### Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages. Published values are representative for White panels only.
3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. See Colors selector for more information.

#### Notice

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USG PREMIER NUBBY™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
- High-quality nubby cloth facing offers consistent, fine-textured appearance.
- Excellent noise reduction with NRC of 0.85 or 0.90 meets the demanding sound-control needs of open-plan spaces.
- Lightweight fiberglass basemat makes installation fast and easy.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.

APPLICATIONS
- Conference rooms and executive areas
- Gymnasiums and auditoriums
- Open-office plans
- Retail stores

SUBSTRATE
- Fiberglass

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
**USG PREMIER NUBBY™ ACOUSTICAL PANELS**

**YEAR LIMITED SYSTEM WARRANTY**
- No Visible Sag
- Mold/Mildew Protection

**UL Classified**

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR(^\d)</th>
<th>Color</th>
<th>Grid Options</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Recycled Content(^\d)</th>
<th>Panel Cost</th>
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<tbody>
<tr>
<td>SQ</td>
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<td>7000G</td>
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<td>2’x2’x1”</td>
<td>Class A</td>
<td>7002G</td>
<td>0.90</td>
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<td>0.82</td>
<td>White</td>
<td>A,B,C</td>
<td>32%</td>
<td>$$</td>
<td>$$$</td>
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<tr>
<td></td>
<td>2’x2’x1”  Foil-Back</td>
<td>Class A</td>
<td>7012G</td>
<td>0.90</td>
<td>25</td>
<td>0.82</td>
<td>White</td>
<td>A,B,C</td>
<td>32%</td>
<td>$$</td>
<td>$$$</td>
</tr>
<tr>
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<td>2’x4’x1”</td>
<td>Class A</td>
<td>7003G</td>
<td>0.90</td>
<td>—</td>
<td>0.82</td>
<td>White</td>
<td>A,B</td>
<td>32%</td>
<td>$$</td>
<td>$$$</td>
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<tr>
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<td>2’x4’x1”  Foil-Back</td>
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<td>7013G</td>
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<td>White</td>
<td>A,B</td>
<td>32%</td>
<td>$$</td>
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</tbody>
</table>

**ClimaPlus™ Warranty Performance\(^\d\)**
Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.

**GRID PROFILE OPTIONS**

<table>
<thead>
<tr>
<th>Position</th>
<th>USG DX(^\d)</th>
<th>USG DXW(^\d)</th>
<th>USG Centricitee™ DXT(^\d)</th>
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<tbody>
<tr>
<td>A</td>
<td>USG DX(^\d)</td>
<td>USG DXW(^\d)</td>
<td>USG Centricitee™ DXT(^\d)</td>
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<tr>
<td>B</td>
<td>USG DXW(^\d)</td>
<td>USG DXW(^\d)</td>
<td>USG Centricitee™ DXT(^\d)</td>
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</table>

**PHYSICAL DATA/FOOTNOTES**

- Product literature: Data sheet SC1839
- ASTM E1264 classification
  - Type XII, Form 2, Pattern E
- ASTM E84 and CAN/ULC S102 surface-burning characteristics
  - Class A
  - Flame spread: 25 or less
  - Smoke developed: 50 or less
- Weight: 0.188-0.25 lb./sq. ft.
- Online tools: usgdesignstudio.com or cgcdesignstudio.com
- AC Information
  - 170 for item #7003G.
  - 190 for item #7013G.
- Thermal resistance
  - R-3.3 (3/4” panels)
  - R-4.4 (1” panels)
- Maximum backloading:
  - See USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- Maintenance:
  - Can be cleaned easily with a soft brush or vacuum.
  - Can be cleaned easily with a soft brush or vacuum.
- Metric sizes available
  - Contact sales for minimum quantities and lead times.
- Notes:
  1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
  2. LR values are shown as averages.
  3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
  4. Maximum 2’x2’ with SQ edge panels.
USG Radar™ Acoustical Panels
with ClimaPlus™ Performance, and
USG Donn® Brand DX® Acoustical Suspension System

FEATURES AND BENEFITS
• Nondirectional pattern.
• High-durability panels are 55% more durable than standard panels.
• USDA Certified Biobased Product.¹
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Optional Firecode® product designed to meet life-safety codes.

APPLICATIONS
• Schools
• Corridors
• Lobby areas
• Offices
• Retail stores

SUBSTRATE
• Wet-formed mineral fiber

STANDARD COLORS
Flat White 050
Parchment 103
Manila 246
Straw 143
Sandstone 090
Taupe 107
Charcoal 334
Flat Black 205

ADVANTAGE COLORS
Beige 142
Silvertone 052
Mist 053

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

Flat White
Parchment
Manila
Straw
Sandstone
Taupe
Charcoal
Flat Black
Beige
Silvertone
Mist

Lightly Textured Panel
| Edge | Panel Size | Imper- | Fire Rating | Item No. | NRC | CAC | Min. | LR | Color** | Grid Options | VOC Emissions | Anti-Mold | Abuse R | Recycled Content* | Panel Cost |
|------|------------|--------|-------------|---------|-----|-----|-----|----|---------|--------------|---------------|------------|--------|--------|-----------------|-----------|
| SQ   | 2’x2’x5/8” | 2210   | Class A     | 0.55    | 33  | 0.84| A   | Low| White, Standard Beige, Mist, Silvertone | A,B          | $             |         |        | $                 | $         |
|      |            | 2215   | Class A     | 0.55    | 35  | 0.84| White | C,D|          |           | $             |         |        | $                 | $         |
|      | 2’x4’x5/8” | 600x200x15 | Class A | 2410 | ME2410 | 0.55 | 35 | 0.84 | White, Standard Beige, Mist, Silvertone | A | Low | $           | $         |
|      | 2’x4’x5/8” | 2415   | Class A     | 0.55    | 35  | 0.84| White | C   |          |           | $             |         |        | $                 | $         |
|      | 2’x4’x5/8” | 2220   | Class A     | 0.55    | 33  | 0.84| White, Standard Beige, Mist, Silvertone | E | Low |          |           | $             |         |        | $                 | $         |
|      | 2’x2’x5/8” | 2225   | Class A     | 0.55    | 35  | 0.84| White | F   |          |           | $             |         |        | $                 | $         |
|      | 2’x4’x5/8” | 2420   | Class A     | 0.55    | 35  | 0.84| White | E   |          |           | $             |         |        | $                 | $         |
|      | 2’x4’x5/8” | 2425   | Class A     | 0.55    | 35  | 0.84| White | F   |          |           | $             |         |        | $                 | $         |
|      | 2’x4’x5/8” | 2230   | Class A     | 0.55    | 33  | 0.84| White | G,H,I,J | Low |          |           | $             |         |        | $                 | $         |
|      | 2’x2’x5/8” | 2235   | Class A     | 0.55    | 35  | 0.84| White | K,L  | Low |          |           | $             |         |        | $                 | $         |
|      | 2’x4’x5/8” | 2207   | Class A     | 0.55    | 35  | 0.84| White | A   | Low |          |           | $             |         |        | $                 | $         |
|      | 2’x4’x5/8” | 2407   | Class A     | 0.55    | 35  | 0.84| White | A   | Low |          |           | $             |         |        | $                 | $         |
|      | 2’x2’x5/8” | 2227   | Class A     | 0.55    | 35  | 0.84| White | E   | Low |          |           | $             |         |        | $                 | $         |
|      | 2’x2’x5/8” | 2570   | Class A     | 0.45    | 33  | 0.84| White | Adhesive Staple | Low |          |           | $             |         |        | $                 | $        |

**Notes:**
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Fire-rated items: see UL design details.
3. All ratings are shown as averages.
4. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
5. Metric available in White only.
6. See Color selector for more information.
7. SF = staple flange.
8. Not UL classified for acoustics.
9. High recycled content not available at all plants.
10. Maximum 2’x2’ with 5/8” edge panels.
11. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on bioprefereed.gov web site.

**Grid Profile Options**

**Low Emissions (VOC)**
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 – 2017 (CA Section 01350).

**ClimaPlus® Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**ClimaPlus®**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**Firecode**
Abuse Resistant
USG RADA R™ BASIC ACOUSTICAL PANELS

FEATURES AND BENEFITS
• Nondirectional pattern with a fresh, clean appearance offers fast, efficient installation.
• Economical, all-purpose ceiling pattern offered in many sizes.
• Optional Firecode® product designed to meet life-safety codes.
• USDA Certified Biobased Product.®

APPLICATIONS
• Schools
• Corridors
• Offices
• Retail stores

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
## USG RADAR™ BASIC ACOUSTICAL PANELS

### USG RADAR™ BASIC PANEL

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size Imperial Metric (mm)</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>Imperial Metric (mm)</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LF</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
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<tbody>
<tr>
<td>SQ</td>
<td>2’x2’x5/8’ 600x600x15</td>
<td>Class A</td>
<td>2110</td>
<td>ME2110</td>
<td>0.55</td>
<td>33</td>
<td>0.83</td>
<td>White</td>
<td>A,C</td>
<td>Low</td>
<td>24-25%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x2’x5/8’</td>
<td>Class A</td>
<td>2115</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>B</td>
<td></td>
<td></td>
<td>Low</td>
<td>48-49%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8’ 600x1200x15</td>
<td>Class A</td>
<td>2310</td>
<td>ME2310</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>White</td>
<td>A,C</td>
<td>Low</td>
<td>24-25%</td>
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</tr>
<tr>
<td></td>
<td>2’x4’x5/8’</td>
<td>Class A</td>
<td>2315</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>B</td>
<td></td>
<td></td>
<td>Low</td>
<td>48-49%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>2’x5’x5/8’</td>
<td>Class A</td>
<td>2619</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>B</td>
<td></td>
<td></td>
<td>Low</td>
<td>48-49%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>20’x60’x5/8’ 500x1500x15</td>
<td>Class A</td>
<td>2617</td>
<td>ME2617</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>White</td>
<td>A,C</td>
<td>Low</td>
<td>24-25%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td>30’x60’x3/4’</td>
<td>Class A</td>
<td>2618</td>
<td>0.60</td>
<td>35</td>
<td>0.83</td>
<td>B</td>
<td></td>
<td></td>
<td>Low</td>
<td>48-49%</td>
<td>$</td>
</tr>
</tbody>
</table>

### USG RADAR™ BASIC TILE 4, 5

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Imperial Metric (mm)</th>
<th>Class A</th>
<th>12’x12’x5/8’ 3600x3600x15</th>
<th>0.50</th>
<th>40</th>
<th>0.83</th>
<th>White</th>
<th>J</th>
<th>Low</th>
<th>44%</th>
<th>$$$</th>
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### USG RADAR™ ILLUSION BASIC TWO/24 PANEL

<table>
<thead>
<tr>
<th>Patterns</th>
<th>Item No.</th>
<th>Imperial Metric (mm)</th>
<th>Class A</th>
<th>2’x2’x5/8’ 600x600x15</th>
<th>0.55</th>
<th>33</th>
<th>0.83</th>
<th>White</th>
<th>D</th>
<th>Low</th>
<th>24-25%</th>
<th>$</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>2’x2’x5/8’ 600x600x15</td>
<td>Class A</td>
<td>2120</td>
<td>ME2120</td>
<td>0.55</td>
<td>33</td>
<td>0.83</td>
<td>White</td>
<td>D</td>
<td>Low</td>
<td>24-25%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2’x2’x5/8’</td>
<td>Class A</td>
<td>2125</td>
<td>ME2125</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>White</td>
<td>E</td>
<td>Low</td>
<td>48-59%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2’x4’x5/8’ 600x1200x15</td>
<td>Class A</td>
<td>2320</td>
<td>ME2320</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>White</td>
<td>D</td>
<td>Low</td>
<td>24-25%</td>
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<tr>
<td></td>
<td></td>
<td>2’x4’x5/8’</td>
<td>Class A</td>
<td>2325</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>White</td>
<td>D</td>
<td>Low</td>
<td>24-25%</td>
<td>$</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20’x60’x5/8’</td>
<td>Class A</td>
<td>2627</td>
<td>ME2627</td>
<td>0.55</td>
<td>35</td>
<td>0.83</td>
<td>White</td>
<td>D</td>
<td>Low</td>
<td>24-25%</td>
</tr>
</tbody>
</table>

### GRID PROFILE OPTIONS

- SQ
- SLT
- BESK
- FLB
- SLT

### PHYSICAL DATA/FOOTNOTES

- **Notice**
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- **Product Literature**
  - Data sheet: SC228B
  - ASTM E2184 classification Type II, Form 2, Pattern C, E and C, E, R
  - ASTM E84 and CAN/ULC S002 surface-burning characteristics
  - Class A
  - Smoke developed: 25 or less
  - Smoke developed: 50 or less
  - UL Type
  - FR-83
  - Weight
  - 0.51–1.15 lb./sq. ft.

- **Online tools**
  - usgdesignstudio.com or cgcdesignstudio.com
  - Thermal resistance
    - R-1.7 (Class A, 5/8” panels)
    - R-1.6 (Firecode®, 5/8” panels)
    - R-1.4 (Class A, 15 mm panels)
    - R-1.4 (Class A, 5/8” panels and tile)
  - Maximum backing
    - See USG 20-Year Limited System Warranty Commercial Applications (SC2102).
  - Maintenance
    - Can be cleaned easily with a soft brush or vacuum

- **Notes**
  - 1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
  - 2. Fire-rated items: see UL design details.
  - 3. LR values are shown as averages.
  - 4. Contact USG for adhesive recommendation for 12”x12” glue-up applications.
  - 5. Not UL Classified for acoustics.
  - 6. No Flat Black or ‘Sheenone’ are available on any reveal edge or USG Radar™ Firecode® panel.
  - 7. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panel.

### TECHNICAL SERVICES

- 800 USG.4YOU (874-4968)

### Safety First!

Follow safety and hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before application and installation.

---

**USG RADAR™ BASIC TWO/24 PANEL PATTERN**

- Illusion™ Two/24

*The look of 2’x2’ panels*

### Low Emissions (VOC)

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

### High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### Firecode®

USG Firecode® is a registered trademark of USG Corporation and its affiliates. It indicates that the product has achieved UL Classifi ed for acoustics.

### Notes

- 1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- 2. Fire-rated items: see UL design details.
- 3. LR values are shown as averages.
- 4. Contact USG for adhesive recommendation for 12”x12” glue-up applications.
- 5. Not UL Classified for acoustics.
- 6. No Flat Black or ‘Sheenone’ are available on any reveal edge or USG Radar™ Firecode® panel.
- 7. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panel.
FEATURES AND BENEFITS

- 100% ceramic-bonded mineral fiber withstands high heat, high humidity, corrosive chemical fumes and steam.
- Tested in live steam to withstand applications such as saunas and steam rooms.
- Meets U.S. Coast Guard standards and can be used in high-humidity marine applications.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- Firecode® product designed to meet life-safety codes.

APPLICATIONS

- Pools and shower areas
- Saunas and steam rooms

SUBSTRATE

- Wet-formed, ceramic-bonded mineral fiber
### USG RADAR™ CERAMIC ACOUSTICAL PANELS

#### Climaplus™ Performance

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQ</td>
<td>2’x2’x5/8”</td>
<td></td>
<td>56644</td>
<td>0.50</td>
<td>40</td>
<td>0.82</td>
<td>White</td>
<td>A,B</td>
<td>Low</td>
<td>Low</td>
<td>45%</td>
<td>$$$$</td>
</tr>
<tr>
<td></td>
<td>2’x4’x5/8”</td>
<td></td>
<td>56645</td>
<td>0.50</td>
<td>40</td>
<td>0.82</td>
<td>White</td>
<td>A,B</td>
<td>Low</td>
<td>Low</td>
<td>45%</td>
<td>$$$$</td>
</tr>
</tbody>
</table>

**Low Emissions (VOC)**

**ClimaPlus™ Warranty Performance**
- Totally inorganic product; resistant to the growth of mold and mildew. Includes sag-resistance performance.

**Firecode®**
- U.S. Coast Guard acceptance: Approved for use on merchant ships (No. 164.009/212/0).
- Metric sizes available
- Contact sales for minimum quantities and lead times.
- Notes:
  1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
  2. LR values are shown as averages.
  3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
  4. Fire-rated items: see UL design details.

---

### PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
- UL Classifed
- Edge Panel Size Fire Rating
- No Visible Sag
- Mold/Mildew Protection

### YEAR LIMITED SYSTEM WARRANTY
- 30 YEARS

### YEAR AVAILABILITY
- 56644, 56645

---

**GRID PROFILE OPTIONS**

<table>
<thead>
<tr>
<th>A</th>
<th>USG ZXLA™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Product literature: Data sheet: SC2293</td>
</tr>
<tr>
<td></td>
<td>ASTM E826-4 classification</td>
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<tr>
<td></td>
<td>Perforated: Type XX, Pattern CEG</td>
</tr>
<tr>
<td></td>
<td>ASTM E84 and CAN/ULC S102</td>
</tr>
<tr>
<td></td>
<td>surface-burning characteristics</td>
</tr>
<tr>
<td></td>
<td>Class A</td>
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<tr>
<td></td>
<td>Flame spread: 0</td>
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<tr>
<td></td>
<td>Smoke developed: 0</td>
</tr>
<tr>
<td></td>
<td>UL Type</td>
</tr>
<tr>
<td></td>
<td>FR-4</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>B</th>
<th>USG DXLA™</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Online tools: usgdesignstudio.com or cgcdesignstudio.com</td>
</tr>
<tr>
<td></td>
<td>Weight: 1.54 lb./sq. ft.</td>
</tr>
<tr>
<td></td>
<td>Thermal resistance: R-1.3</td>
</tr>
<tr>
<td></td>
<td>Maximum backloading: See USG 30-Year Limited System Warranty Commercial Applications (SC2102).</td>
</tr>
<tr>
<td></td>
<td>Maintenance: Can be cleaned easily with a damp sponge.</td>
</tr>
</tbody>
</table>

---

### PHYSICAL DATA/FOOTNOTES

- **Product literature**
- **Data sheet:** SC2293
- **ASTM E826-4 classification**
- **Perforated: Type XX, Pattern CEG**
- **ASTM E84 and CAN/ULC S102**
- **surface-burning characteristics**
- **Class A**
- **Flame spread:** 0
- **Smoke developed:** 0
- **UL Type:** FR-4
- **Weight:** 1.54 lb./sq. ft.
- **Thermal resistance:** R-1.3
- **Maximum backloading:** See USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- **Maintenance:** Can be cleaned easily with a damp sponge.
- **U.S. Coast Guard acceptance:** Approved for use on merchant ships (No. 164.009/212/0).
- **Metric sizes available**
- **Contact sales for minimum quantities and lead times.**
- **Notes:**
  1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
  2. LR values are shown as averages.
  3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
  4. Fire-rated items: see UL design details.
FEATURES AND BENEFITS

- Nondirectional pattern reduces installation time and waste.
- Excellent sound absorption.
- Balanced Acoustics. NRC and CAC.
- Available with 40 CAC for increased room-to-room speech privacy and 0.70 NRC for greater sound control in classrooms.
- High-NRC/High-CAC formulation helps comply with ANSI S12.60 classroom guidelines (LEED for Schools).6
- High-durability panels are 55% more durable than standard panels.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- Optional Firecode® product designed to meet life-safety codes.
- USDA Certified Biobased Product.7

APPLICATIONS

- Classrooms
- Offices
- Cafeterias
- Music rooms
- Corridors
- Libraries/media rooms

SUBSTRATE

- Wet-formed mineral fiber
### GRID PROFILE OPTIONS

#### PHYSICAL DATA/FOOTNOTES

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USG RADAR™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Nondirectional all-purpose ceiling pattern.
• Balanced Acoustics available with 40 CAC for increased room-to-room speech privacy and 0.70 NRC for greater sound control in open-plan areas.
• High-NRC/High-CAC formulation helps comply with ANSI S12.60 classroom guidelines.5
• USDA Certified Biobased Product.8
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Firecode® product designed to meet life-safety codes.

APPLICATIONS
• Classrooms
• Conference rooms
• Open-office plans
• Privacy rooms

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQ</td>
<td>2’x4’x5/8”</td>
<td>Class A</td>
<td>22421</td>
<td>0.70</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>B,C,D</td>
<td>Low</td>
<td></td>
<td>38%</td>
<td>$</td>
</tr>
<tr>
<td>SQ</td>
<td>2’x4’x5/8”</td>
<td>Class A</td>
<td>22444</td>
<td>0.70</td>
<td>40</td>
<td>0.84</td>
<td>White</td>
<td>B,C</td>
<td>Low</td>
<td></td>
<td>38%</td>
<td>$</td>
</tr>
<tr>
<td>SQ</td>
<td>2’x4’x7/8”</td>
<td>Class A</td>
<td>22521</td>
<td>0.70</td>
<td>40</td>
<td>0.84</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td></td>
<td>57%</td>
<td>$</td>
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<tr>
<td>SQ</td>
<td>2’x4’x7/8”</td>
<td>Class A</td>
<td>22541</td>
<td>0.70</td>
<td>40</td>
<td>0.84</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td></td>
<td>57%</td>
<td>$</td>
</tr>
</tbody>
</table>

**Low Emissions (VOC)**
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350).

**ClimaPlus™ Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**Firecode™**
5. Helps comply with ANSI S12.60 classroom guidelines.
6. No Flat Black or “Deeptones” are available on reveal edge or USG Radar™ Firecode® panel.
7. Maximum 2’x2’ with SQ edge panels.
8. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.
USG RADAR™ ILLUSION™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Nondirectional pattern offers fast, efficient installation.
• Face scores create illusion of a smaller-scaled ceiling system.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Optional Firecode® product designed to meet life-safety codes.

APPLICATIONS
• Schools
• Corridors
• General offices
• Retail stores

SUBSTRATE
• Wet-formed mineral fiber

STANDARD COLORS
Flat White 050
Parchment 103
Manila 246
Straw 142
Sandstone 090
Taupe 107

ADVANTAGE COLORS
Rippled 142
Mist 053
Silvertone 052

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
# USG RADAR™ ILLUSION™ ACOUSTICAL PANELS

**Climalplus® Performance**

**Low Emissions (VOC) Performance**
Third party GREENGUARD Gold certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350).

**ClimaPlus Warranty Performance**
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**
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**Firecode®**
USG classifies Firecode® Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

## GRID PROFILE OPTIONS

**PHYSICAL DATA/FOOTNOTES**

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Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

## TECHNICAL INFORMATION

**FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LED Report Tool**
usgdesignstudio.com
cgcdesignstudio.com

### UL Classified

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LB</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/ Sag Resistance</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2842</td>
<td>0.55</td>
<td>35</td>
<td>0.84</td>
<td>Standard colors (Flat Black and Charcoal not available)</td>
<td>A</td>
<td>Low</td>
<td>26-27%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2846</td>
<td>0.55</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td>58%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2844</td>
<td>0.55</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>B,C</td>
<td>Low</td>
<td>26%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2882</td>
<td>0.50</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td>26%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2884</td>
<td>0.50</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>B,C</td>
<td>Low</td>
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<td>$5</td>
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</tr>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2852</td>
<td>0.55</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td>26%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2854</td>
<td>0.55</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>B,C</td>
<td>Low</td>
<td>26%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2862</td>
<td>0.50</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>A</td>
<td>Low</td>
<td>26%</td>
<td>$5</td>
<td></td>
</tr>
<tr>
<td>$$ $$</td>
<td>2’x4’x3/4”</td>
<td>Class A</td>
<td>2864</td>
<td>0.50</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>B,C</td>
<td>Low</td>
<td>26%</td>
<td>$5</td>
<td></td>
</tr>
</tbody>
</table>

### PATTERNS

**ILLUSION™ Two/24**

The look of 2’x2 panels

**ILLUSION™ Four/48**

The look of 48’x6’ linear strips

**ILLUSION™ Eight/12**

The look of 12’x12’ tile

**ILLUSION™ 32/6**

The look of 6’x6’ tile

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Options</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>USG DX™</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>USG Centricitee™ DXI™</td>
<td>1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.</td>
</tr>
<tr>
<td>C</td>
<td>USG Identitee® DXI™</td>
<td>2. Fire-rated items; see UL design details.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. LR values are shown as averages.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5. See Colors selector for more information. No Flat Black or “Deeptones” are available on reveal edge or USG Radar™ Firecode® panel.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>6. Panels have a 15’/6’’ routing.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>7. Panels have a 9’/6’’ routing.</td>
</tr>
</tbody>
</table>
USG RADAR™ OPEN PLAN ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Balanced Acoustics.
• Nondirectional all-purpose ceiling pattern.
• 0.75 NRC for increased sound control in open-plan areas.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• High-NRC product helps comply with ANSI S12.60 classroom guidelines.

APPLICATIONS
• Open-office plans
• Classrooms
• Conference rooms
• Privacy rooms

SUBSTRATE
• Wet-formed mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
## Acoustical Panels

### USG RADAR™ OPEN PLAN Acoustical Panels

#### Climaplus™ Performance

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>SQ</td>
<td>2’x2’x7/8”</td>
<td>Class A</td>
<td>22320</td>
<td>0.75</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>A,B,C</td>
<td>Low</td>
<td>38%</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x4’x7/8”</td>
<td>Class A</td>
<td>22325</td>
<td>0.75</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>A,C</td>
<td>Low</td>
<td>38%</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>SLT</td>
<td>2’x2’x7/8”</td>
<td>Class A</td>
<td>22340</td>
<td>0.75</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>D</td>
<td>Low</td>
<td>38%</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x4’x7/8”</td>
<td>Class A</td>
<td>22345</td>
<td>0.75</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>D</td>
<td>Low</td>
<td>38%</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td>FLB</td>
<td>2’x2’x7/8”</td>
<td>Class A</td>
<td>22330</td>
<td>0.75</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>E,F,G,H</td>
<td>Low</td>
<td>38%</td>
<td>$</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2’x4’x7/8”</td>
<td>Class A</td>
<td>22335</td>
<td>0.75</td>
<td>35</td>
<td>0.84</td>
<td>White</td>
<td>E,F,G,H</td>
<td>Low</td>
<td>38%</td>
<td>$</td>
<td></td>
</tr>
</tbody>
</table>

#### Low Emissions (VOC)


#### Climaplus™ Warranty Performance

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### Physical Data/ Footnotes

- **Product literature**
  - Data sheet: SC2565
  - ASTM E1264 classification
  - Type II, Form 2, Pattern C, E
  - ASTM E84 and CAN/ULC S502 surface-burning characteristics
  - Class A
  - Flame spread: 25 or less
  - Smoke developed: 50 or less
- **Weight**
  - 0.850 lb./sq. ft.
- **Online tools**
  - usgdesignstudio.com or cgcdesignstudio.com

#### Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
4. No Flat Black or “Deeptones” are available on any reveal edge USG Radar™ panel.
5. Maximum 2’x2’ with SQ edge panels.

### Thermo Data

- **Thermal resistance**
  - R-1.8 (7/8” panels)
- **Maximum backloading**
  - See USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- **Maintenance**
  - Panels can be cleaned easily with a soft brush or vacuum.
- **Metric sizes available**
  - Contact sales for minimum quantities and lead times.
USG RENDITIONS™ ANIMATIONS
ACOUSTICAL PANELS

FEATURES AND BENEFITS

- Computer-generated, face-routed designs combined with the beautiful fine texture of USG Eclipse™ or Frost™ Acoustical Panels.
- Numbered ceiling panels match shop drawings for easy installation.
- Custom designs are available.
- All panels available in Flat White. USG Frost™ panels available in Standard, Advantage, Premium and custom colors.
- Ceiling panels can be made from your sketches, AutoCAD® or Revit® drawings.

APPLICATIONS

- Childcare
- Educational
- Healthcare
- Theme and whimsical areas

SUBSTRATES

- Wet-formed mineral fiber (USG Eclipse™)
- Cast mineral fiber (USG Frost™)

STANDARD COLORS

- Flat White 050
- Parchment 103
- Manila 246
- Straw 148
- Sandstone 090
- Taupe 107
- Charcoal 534
- Flat Black 205

ADVANTAGE COLORS

- Breeze 2659
- Blue Gray 564
- Azure 2660
- Slate 568
- Spruce 567
- Tuscany 2663
- Sorbet 2658
- Squash 2661
- Safari 2662
- Redwood 566
- Senna 565
- Halo 206
- Nectar 546
- Quartz 082
- Beige 142

PREMIUM COLORS

- Dawn 3679
- Old Stone 3680
- Sea Shell 3678
- Light Brown 3690
- Nut Brown 3680
- Teal 3682
- Slate 3681
- Ocean 3684

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

USG Renditions™ Acoustical Panels with Paws Pattern/USG Donn® Brand DX® Acoustical Suspension System
USG RENDITIONS™ ANIMATIONS
ACOUSTICAL PANELS

<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>Color*</th>
<th>Typical Sizes</th>
<th>Available Panels and Edges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>All panels available in Flat White. USG Frost™ panels available in Standard, Advantage, Premium and custom colors.</td>
<td>2'x2'</td>
<td>SQ</td>
</tr>
<tr>
<td></td>
<td>USG Eclipse™</td>
<td>•</td>
<td>•</td>
</tr>
<tr>
<td></td>
<td>USG Frost™</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

Patterns

- **Aquarium**
  - Five-Panel Series
- **Barefootin’**
  - 12-Panel Series
- **Blocks**
  - 13-Panel Series
- **Fast Food**
  - Six-Panel Series
- **Flying Things**
  - 13-Panel Series
- **Leaves**
  - 13-Panel Series
- **Night Sky**
  - Eight-Panel Series
- **Paws**
  - 29-Panel Series
- **Railway**
  - 26-Panel Series
- **Stuffed Animals**
  - Four-Panel Series

**Product Information**

- **Product literature**
  - Data sheet: IC327
- **Online tools**
  - usgdesignstudio.com or cgcdesignstudio.com

**Notes**

1. For all panels in each of the series in PDF, AutoCAD® or Revit®, contact your local USG sales rep.
2. See Colors selector for more information.

**Notice**

Panels with USG Renditions™ face routing do not carry USG Climaplus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.

**Physical Data/Footnotes**

USG Renditions™ Acoustical Panels with Paws Pattern/USG Donn® Brand DX® Acoustical Suspension System

**Features and Benefits**

- Computer-generated, face-routed designs combined with the beautiful fine texture of USG Eclipse™ or Frost™ Acoustical Panels.
- Numbered ceiling panels match shop drawings for easy installation.
- Custom designs are available.
- All panels available in Flat White. USG Frost™ panels available in Standard, Advantage, Premium and custom colors.
- Ceiling panels can be made from your sketches, AutoCAD® or Revit® drawings.

**Applications**

- Childcare
- Educational
- Healthcare
- Theme and whimsical areas

**Substrates**

- Wet-formed mineral fiber (USG Eclipse™)
- Cast mineral fiber (USG Frost™)

**Notice**

Panels with USG Renditions™ face routing do not carry USG Climaplus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.
USG REDITIONS™ BOUNDARIES
ACOUSTICAL PANELS

FEATURES AND BENEFITS
• Computer-generated, face-routed designs combined with the beautiful fine texture of USG Eclipse™ or Frost™ Acoustical Panels.
• Numbered ceiling panels match shop drawings for easy installation.
• Available in Square, Fineline and Shadowline edges.
• Custom designs available.
• All panels available in Flat White. USG Frost™ panels available in Standard, Advantage, Premium and custom colors.
• Ceiling panels can be made from your sketches, AutoCAD® or Revit® drawings.

APPLICATIONS
• Educational
• Healthcare
• Retail space
• Theme and whimsical areas

SUBSTRATES
• Wet-formed mineral fiber (USG Eclipse™)
• Cast mineral fiber (USG Frost™)

STANDARD COLORS
- Flat White 050
- Parchment 103
- Manilla 246
- Straw 143
- Sandstone 890
- Taupe 107
- Charcoal 524
- Flat Black 205

ADVANTAGE COLORS
- Breeze 2659
- Blue Gray 564
- Azure 2660
- Slate 568
- Spruce 567
- Tuscany 2663
- Bordeaux 2658
- Squash 2661

PREMIUM COLORS
- Dawn 3679
- Old Stone 3691
- Sea Shell 3678
- Light Brown 3690
- Nut Brown 3680
- Pearl 3682
- Shale 3683
- Ocean Ridge 3684

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

USG Renditions™ Acoustical Panels
with Boundaries Pattern/
USG Frost™ Acoustical Panels/
USG Donn® Brand Centricitee™
DXT™Acoustical Suspension System
<table>
<thead>
<tr>
<th>Fire Rating</th>
<th>Color*</th>
<th>Typical Sizes</th>
<th>Available Panels and Edges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class A</td>
<td>All panels in Flat White. USG Frost™ panels available in Standard, Advantage, Premium and custom colors.</td>
<td>2'x2'</td>
<td>USG Eclipse™ USG Frost™</td>
</tr>
</tbody>
</table>

**USG RENDITIONS™**

**POURNOUS INFORMATION**

**PRODUCT**

**INFORMATION**

**PATTERNS**

<table>
<thead>
<tr>
<th>USG Renditions™ I Outside Corner</th>
<th>USG Renditions™ I Inside Corner</th>
<th>USG Renditions™ II Outside Corner</th>
<th>USG Renditions™ II Inside Corner</th>
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</thead>
<tbody>
<tr>
<td>![Pattern Image]</td>
<td>![Pattern Image]</td>
<td>![Pattern Image]</td>
<td>![Pattern Image]</td>
</tr>
</tbody>
</table>

**PHYSICAL DATA/ FOOTNOTES**

**NOTICE**

Panels with USG Renditions™ face routing do not carry the USG ClimapPlus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.

**NOTICE**

Panels with USG Renditions™ face routing do not carry the USG ClimapPlus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.

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Panels with USG Renditions™ face routing do not carry the USG ClimapPlus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.

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Panels with USG Renditions™ face routing do not carry the USG ClimapPlus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.

**NOTICE**

Panels with USG Renditions™ face routing do not carry the USG ClimapPlus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.
FEATURES AND BENEFITS
• Computer-generated, face-routed designs combined with the beautiful fine texture of USG Eclipse™ or Frost™ Acoustical Panels.
• Custom patterns allow a unique ceiling statement.
• Numbered ceiling panels match shop drawings for easy installation.
• Available in Square, Fineline and Shadowline edges.
• Ceiling panels can be made from your sketches, AutoCAD® or Revit® drawings.
• All panels available in Flat White. USG Frost™ panels available in Standard, Advantage, Premium and custom colors.

APPLICATIONS
• Educational
• Healthcare
• Retail space
• Theme and whimsical areas

SUBSTRATES
• Wet-formed mineral fiber (USG Eclipse™)
• Cast mineral fiber (USG Frost™)
## USG RENDITIONS™ CUSTOM ACOUSTICAL PANELS

### Fire Rating | Color $^2$  
---|---
Class A | All panels are available in Flat White. USG Frost™ panels are available in Standard, Advantage, Premium and custom colors.

### Typical Sizes | Available Panels and Edges
---|---

<table>
<thead>
<tr>
<th>2’x2’</th>
<th>SQ</th>
<th>SLT</th>
<th>SLB</th>
<th>FL</th>
<th>FLB</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Eclipse™</td>
<td>•</td>
<td>•</td>
<td>—</td>
<td>•</td>
<td>—</td>
</tr>
<tr>
<td>USG Frost™</td>
<td>—</td>
<td>—</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

### Crystal | Square to Square | Custom Logo

### Notes
1. For all panels in each of the series in PDF, AutoCAD® or Revit®, visit usgdesignstudio.com or cgcdesignstudio.com.
2. See Colors selector for more information.

### Notice
Panels with USG Renditions™ face routing do not carry the USG ClimaPlus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.

### Physical Data/Footnotes

**Product Information**

- **Fire Rating**: Class A
- **Color**: All panels are available in Flat White. USG Frost™ panels are available in Standard, Advantage, Premium and custom colors.
- **Typical Sizes**: 2’x2’
- **Available Panels and Edges**:
  - USG Eclipse™: • SQ • FL • FLB
  - USG Frost™: — SLT — SLB —

**Patterns**

- **Crystal**: Square to Square
- **Custom Logo**: USG

**Product Literature**

- Data sheet: IC356

**Online Tools**

- usgdesignstudio.com or cgcdesignstudio.com

**Notes**

1. For all panels in each of the series in PDF, AutoCAD® or Revit®, visit usgdesignstudio.com or cgcdesignstudio.com.
2. See Colors selector for more information.

**Notice**

Panels with USG Renditions™ face routing do not carry the USG ClimaPlus™ nonsag limited system warranty. Refer to standard commercial ceilings systems warranty.

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**Manufactured by**

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550 West Adams Street
Chicago, IL 60661

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**Safety First!** Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG SANDDRIFT™ ACOUSTICAL PANELS  
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• Uniquely textured cast product with durable surface that resists scrapes commonly caused by accessing the ceiling plenum.
• Integral color masks nicks and scratches.
• Optional Firecode® product designed to meet life-safety codes.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• USDA Certified Biobased Product.
• VOC emissions meet CA Specification 01350.
• Balanced Acoustics. NRC and CAC.
• USG Sandrift™ Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS
• Conference and lobby areas
• Department stores
• Entertainment and gaming areas
• Executive offices
• Restaurants

SUBSTRATE
• Cast mineral fiber

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS
Flat White 050
Parchment 103
Manila 246
Straw 143
Sandstone 090
Taupe 107
Charcoal 334
Flat Black 205

ADVANTAGE COLORS
Breeze 2659
Blue Gray 564
Azure 2660
Slate 568
Sage 567
Tuscany 2663
Sorbet 2658
Squash 2661

PREMIUM COLORS
Dawn 3679
Old Stone 3691
Sea Shell 3678
Light Brown 3690
Nut Brown 3680
Dorg 3682
Oyster 3683
Ocean Ruby 3684

Deep Berry 3693
Deep Blue 3692

USG Sandrift™ Acoustical Panels with ClimaPlus™ Performance, and USG Done® Brand DX® Acoustical Suspension System
USG SANDRIFT™ ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

UL Classified

Low Emissions (VOC)
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

ClimaPlus™ Warranty Performance
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

Abuse Resistant

Grid Profile Options
A USG DX® B USG DXL® C USG Centricitee™ DXT® D USG Fineline® DXF® E USG Fineline® 1/8 DXFF® F USG Identitee® DXI®

Physical Data/ Footnotes
Product literature Data sheet: SC1841
ASTM E1264 classification Type II, Form 4, Pattern 2.
ASTM E84 and CAN/UlC S102 surface-burning characteristics
Class A Flame spread: 25 or less Smoke developed: 50 or less
UL Type AP, AP-1, AP-2, AP-3
Weight 1.55 lb./sq. ft. (Class A)
1.72 lb./sq. ft. (Firecode® weight)

Online tools usgdesignstudio.com or cgcdesignstudio.com
Thermal resistance R-1.7 (Class A) R-1.3 (Firecode®)
Maximum backloading
See USG 30-Year Limited System Warranty Commercial Applications (SC2102).
Texture The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variations between production dates, we recommend ordering and installing cast products by production lot number.

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Notes
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. For fire-rated items: see UL design details.
3. LR values are shown as averages.
4. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
5. To highlight the unique texture of USG Sandrift™ Acoustical Panels with ClimaPlus™ Performance, choose light colors. See Colors selector for more information.
6. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.
USG SHEETROCK® BRAND LAY-IN GYPSUM CEILING PANELS
CLIMAPLUS™ PERFORMANCE

FEATURES AND BENEFITS
• USG Clean Room™ panels have a vinyl-laminated face with sealed back and edges for use in cleanroom environments up to Class 100/ISO 5.
• Washable and scrubbable finish—impact and scratch resistant.
• USDA Certified Biobased Product. 7
• Panels meet USDA/FSIS requirements for food processing areas.
• ClimaPlus™ 30 year limited system warranty against visible sag.

APPLICATIONS
• Kitchens and food preparation areas
• Restrooms and utility areas
• Locker rooms
• Parking garages
• Exterior protected soffits

SUBSTRATE
• Gypsum panel

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
# USG SHEETROCK® BRAND LAY-IN GYPSUM CEILING PANELS

## CLIMAPLUS® PERFORMANCE

### EDGE PANEL SIZE

<table>
<thead>
<tr>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Abuse Resistant</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
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<tbody>
<tr>
<td>SQ</td>
<td></td>
<td>3260</td>
<td></td>
<td>0.77</td>
<td></td>
<td>White</td>
<td>A,B,C,D</td>
<td>Low</td>
<td>8%</td>
<td></td>
<td>$</td>
</tr>
<tr>
<td>SQ</td>
<td></td>
<td>3270</td>
<td></td>
<td>0.77</td>
<td></td>
<td>White</td>
<td>A,B,C,D</td>
<td>Low</td>
<td>8%</td>
<td></td>
<td>$</td>
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<tr>
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<td></td>
<td>0.77</td>
<td></td>
<td>White</td>
<td>A,B,C,D</td>
<td>Low</td>
<td>8%</td>
<td></td>
<td>$</td>
</tr>
</tbody>
</table>

### GRID PROFILE OPTIONS

A. USG DXL®

B. USG DXLA®

C. USG ZXLA®

D. USG CE™

### LOW EMISSIONS (VOC)


### PHYSICAL DATA/FOOTNOTES

- **Product literature**
  - Data sheet: SC1820
  - ASTM E1264 classification
  - Type XX, Pattern G
  - ASTM E84 and CAN/ULC S102 surface-burning characteristics
  - Class A
  - Flame spread 25 or less
  - Smoke developed 50 or less
  - UL Type
  - FC-CB
  - Weight
  - 1/2" = 2.00 lb./sq. ft.
- **Thermal resistance**
  - 1/2" = R-0.45
- **Maximum backloading**
  - See USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- **Maintenance**
  - Can be cleaned easily with a damp sponge. Use mild detergent and water—do not use acetate, ammonia or high concentration of chlorine, bromide or other harsh chemicals.
- **Application considerations**
  - Product is directional. Install with all manufactured edges parallel and in the same direction.
- **Notes**
  - 1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
  - 2. Fire-rated items: see UL design details.
  - 3. LR values are shown as averages.
  - 4. NRC rating is 0.10. USG does not consider a ceiling panel to be acoustically rated if NRC is less than 0.50.
  - 5. Field-cut edges of USG Clean Room™ panels must be sealed with white latex paint.
  - 6. Clean Room-rated applications require a suspension system with gasketed tee flanges such as USG Donn® Brand CE™.
  - 7. This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.

### NOTICE

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Manufactured by United States Gypsum Company
550 West Adams Street
Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

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CGC: contact Sales Representative
TECHNICAL SERVICES
800 USG.4YOU (874-4968)

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com
FEATUERs AND BENEFITS

• Panels are scuff and abuse resistant and can withstand day-to-day activity in high traffic areas.
• ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
• Firecode® product designed to meet life-safety codes.

APPLICATIONS

• Schools
• General offices
• Retail stores

SUBSTRATE

• Wet-formed mineral fiber
## USG TOUCHSTONE™ ACOUSTICAL PANELS

### CLIMAPLUS™ PERFORMANCE

#### YEAR LIMITED SYSTEM WARRANTY

+ No Visible Sag
+ Mold/Mildew Protection

#### Grid Profile Options

<table>
<thead>
<tr>
<th>A</th>
<th>USG DXL™</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>USG Centricitee™ DXLT™</td>
</tr>
<tr>
<td>C</td>
<td>USG DXL™</td>
</tr>
<tr>
<td>D</td>
<td>USG Centricitee™ DXLT™</td>
</tr>
<tr>
<td>E</td>
<td>USG Fineline® DXLF™</td>
</tr>
</tbody>
</table>

#### Product Literature

- Data sheet: SC2214
- ASTM E1264 classification: Type III, Form 2, Pattern C38
- ASTM E84 and CAN/ULC S102: Class A, Flame spread 25 or less, Smoke developed 50 or less
- UL Type: FR-83
- Weight: 1.09 lb./sq. ft.

#### Online Tools

- usgdesignstudio.com or cgcdesignstudio.com
- Thermal resistance: R-1.6
- Maximum backloading: See USG 30-Year Limited System Warranty Commercial Applications (SC2102)
- Maintenance: Can be cleaned easily with a soft brush or vacuum.

#### Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Fire-rated items: see UL design details.
3. LR values are shown as averages.
4. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
5. Maximum 2’x2’ with SQ edge panels.

## PHYSICAL DATA/FOOTNOTES

- Acoustical Ceiling Panels
- The trademarks USG, CGC, CENTRICITEE, CLIMAPLUS, DONN, DXL, DXLT, DXLF, FINELINE, FIRECODE, TOUCHSTONE, IT’S YOUR WORLD. BUILD IT., the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.
- Manufactured by USG Interiors, LLC 550 West Adams Street Chicago, IL 60661

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CGC: contact Sales Representative

**Technical Services**

800 USG.4YOU (874-4968)

**FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL**

usgdesignstudio.com

cgcdesignstudio.com

---

<table>
<thead>
<tr>
<th>Edge</th>
<th>Panel Size</th>
<th>Fire Rating</th>
<th>Item No.</th>
<th>NRC</th>
<th>CAC Min.</th>
<th>LR</th>
<th>Color</th>
<th>Grid Options</th>
<th>VOC Emissions</th>
<th>Anti-Mold &amp; Mildew/Sag Resistance</th>
<th>Abuse Resistant</th>
<th>Recycled Content</th>
<th>Panel Cost</th>
</tr>
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<tbody>
<tr>
<td>SQ</td>
<td>2’x2’x5/8”</td>
<td>5893</td>
<td>0.55</td>
<td>35</td>
<td>0.86</td>
<td></td>
<td>White</td>
<td>A,B</td>
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<td>Low</td>
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<td>$</td>
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<tr>
<td>SLT</td>
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<td>0.86</td>
<td></td>
<td>White</td>
<td>C</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>Low</td>
<td>$</td>
</tr>
</tbody>
</table>

**Low Emissions (VOC)**

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health’s (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). ‘Certificates of Compliance’ for Low VOC Emissions are available on usg.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance**

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**Firecode™ Abuse Resistant**

- Grid Profile Options A
- B
- C
- D
- E

**Panel Cost**

$
MODERN DESIGN MEETS FORWARD THINKING

The inventive USG Logix™ Integrated Ceiling System combines the best of aesthetics and performance by transforming the ceiling plane into a dramatic design element. Giving you the freedom to create elegant, modern and sophisticated ceilings that match your vision without the constraints of traditional acoustical ceiling designs.

To learn more, visit usg.com/logix

Computer-Generated Image © USG Corporation 2016.
FEATURES AND BENEFITS
• Compatible with USG Logix™ Integrated System.
• Monolithic, structured ceiling visual using standard components.
• Designed to be compatible with a wide selection of 4”, 6” and 12” utilities.
• Narrow-profile USG Donn® Brand Centricitee™ 9/16” DXT™ exposed grid system offers clean aesthetic.
• Concentrate utilities on narrow 4”, 6” and 12” channels.
• Wide variety of connector panels offers many options, allowing the freedom to transform the utilities into dramatic design elements.
• The USG Logix™ yoke is compatible with all Imperial and Metric utility channel options and with a wide selection of 4”, 6” and 12” Luminaires.

APPLICATIONS
• Interior Applications
• Wall to Wall Ceilings
• Sloped Ceilings
• New Construction
## USG Logix™ Suspension Systems

### USG Donn® Brand DX® and Centricitee™ DXT™ Systems (Imperial)

**USG Donn® Brand DX® 15/16” Tee System**

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
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<th>Item No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>Main Tee</td>
<td>144”</td>
<td>1.64”</td>
<td>DX24 DX24SP101</td>
<td>USG Donn® Brand DX® Main Tee with CT hole, 6” o.c.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DX24SP104 DX24SP106 DX24SP1010</td>
<td>USG Donn® Brand DX® Main Tee with 4” paired CT holes, 48” o.c.</td>
</tr>
<tr>
<td></td>
<td>120”</td>
<td>1.64”</td>
<td>DX24SP102</td>
<td>USG Donn® Brand DX® Main Tee with 4” paired CT holes, 30” o.c.</td>
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<tr>
<td></td>
<td>104”</td>
<td>1.64”</td>
<td>DX24SP103</td>
<td>USG Donn® Brand DX® Main Tee with 4” paired CT holes, 52” o.c.</td>
</tr>
<tr>
<td></td>
<td>96”</td>
<td>1.64”</td>
<td>DX24SP108</td>
<td>USG Donn® Brand DX® Main Tee with 4” paired CT holes, 100” o.c.</td>
</tr>
</tbody>
</table>

**Cross Tee**

<table>
<thead>
<tr>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>21”</td>
<td>1-1/2”</td>
<td>DX2116</td>
<td>21” USG Donn® Brand DX® Cross Tee</td>
</tr>
<tr>
<td>24”</td>
<td>1-1/2”</td>
<td>DX216</td>
<td>24” USG Donn® Brand DX® Cross Tee</td>
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<tr>
<td>22”</td>
<td>1-1/2”</td>
<td>DX2216</td>
<td>22” USG Donn® Brand DX® Cross Tee</td>
</tr>
<tr>
<td>28”</td>
<td>1-1/2”</td>
<td>DX2816</td>
<td>28” USG Donn® Brand DX® Cross Tee</td>
</tr>
<tr>
<td>30”</td>
<td>1-1/2”</td>
<td>DX3016</td>
<td>30” USG Donn® Brand DX® Cross Tee</td>
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<tr>
<td>48”</td>
<td>1-1/2”</td>
<td>DX422</td>
<td>48” USG Donn® Brand DX® Cross Tee</td>
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<tr>
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<td>1-1/2”</td>
<td>DX4416</td>
<td>44” USG Donn® Brand DX® Cross Tee</td>
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<tr>
<td>60”</td>
<td>1-1/2”</td>
<td>DXL524</td>
<td>60” USG Donn® Brand DX® Cross Tee</td>
</tr>
<tr>
<td>56”</td>
<td>1-1/2”</td>
<td>DX5616</td>
<td>56” USG Donn® Brand DX® Cross Tee</td>
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<tr>
<td>72”</td>
<td>1-1/2”</td>
<td>DX624</td>
<td>72” USG Donn® Brand DX® Cross Tee</td>
</tr>
<tr>
<td>96”</td>
<td>1-1/2”</td>
<td>DX824</td>
<td>96” USG Donn® Brand DX® Cross Tee</td>
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</tbody>
</table>

**USG Donn® Brand Centricitee™ DXT™ 9/16” Tee System**

<table>
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<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Description</th>
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<tr>
<td>Main Tee</td>
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<td>1.64”</td>
<td>DXT24 DXT24SP101</td>
<td>USG Donn® Brand Centricitee™ DXT™ Main Tee with CT hole, 6” o.c.</td>
</tr>
<tr>
<td></td>
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<td></td>
<td>DXT24SP104 DXT24SP106 DXT24SP1010</td>
<td>USG Donn® Brand Centricitee™ DXT™ Main Tee with 4” paired CT holes, 48” o.c.</td>
</tr>
<tr>
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<td>120”</td>
<td>1.64”</td>
<td>DXT24SP102 DXT24SP109</td>
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<tr>
<td></td>
<td>104”</td>
<td>1.64”</td>
<td>DXT24SP103</td>
<td>USG Donn® Brand Centricitee™ DXT™ Main Tee with 4” paired CT holes, 52” o.c.</td>
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<tr>
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<td>128”</td>
<td>1.64”</td>
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<td>100”</td>
<td>1.64”</td>
<td>DXT24SP108</td>
<td>USG Donn® Brand Centricitee™ DXT™ Main Tee with 4” paired CT holes, 100” o.c.</td>
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<td>96”</td>
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<td>DXT24SP105</td>
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**Cross Tee**

<table>
<thead>
<tr>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>21”</td>
<td>1-1/2”</td>
<td>DXT2122</td>
<td>21” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
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<tr>
<td>24”</td>
<td>1-1/2”</td>
<td>DXT222</td>
<td>24” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
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<tr>
<td>22”</td>
<td>1-1/2”</td>
<td>DXT2222</td>
<td>22” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
<tr>
<td>28”</td>
<td>1-1/2”</td>
<td>DXT2822</td>
<td>28” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
<tr>
<td>30”</td>
<td>1-1/2”</td>
<td>DXT3022</td>
<td>30” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
<tr>
<td>48”</td>
<td>1-1/2”</td>
<td>DXT424</td>
<td>48” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
<tr>
<td>44”</td>
<td>1-1/2”</td>
<td>DXT4422</td>
<td>44” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
<tr>
<td>60”</td>
<td>1-1/2”</td>
<td>DXT524</td>
<td>60” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
<tr>
<td>56”</td>
<td>1-1/2”</td>
<td>DXT5622</td>
<td>56” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
<tr>
<td>72”</td>
<td>1-1/2”</td>
<td>DXT624</td>
<td>72” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
<tr>
<td>96”</td>
<td>1-1/2”</td>
<td>DXT824</td>
<td>96” USG Donn® Brand Centricitee™ DXT™ Cross Tee</td>
</tr>
</tbody>
</table>

### Low Emissions (VOC)

- CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

### High Recycled Content

- USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

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**USG Logix™ Integrated Ceiling System**

USG Logix™ Integrated Ceiling System

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### USG DONN® BRAND IDENTITEE® DXI™ (IMPERIAL) AND DX® (METRIC) SYSTEMS

#### USG LOGIX™ SUSPENSION SYSTEMS - IMPERIAL

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
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<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>Main Tee</td>
<td>144&quot;</td>
<td>1-13/16&quot;</td>
<td>DXI24</td>
<td>USG Donn® Brand Identitee® DXI™ Main Tee with CT hole, 6&quot; o.c.</td>
</tr>
<tr>
<td>Intermediate Duty</td>
<td>120&quot;</td>
<td>1-13/16&quot;</td>
<td>DXI24SP101</td>
<td>USG Donn® Brand Identitee® DXI™ Main Tee with 4&quot; paired CT holes, 48&quot; o.c.</td>
</tr>
<tr>
<td></td>
<td>104&quot;</td>
<td>1-13/16&quot;</td>
<td>DXI24SP103</td>
<td>USG Donn® Brand Identitee® DXI™ Main Tee with 4&quot; paired CT holes, for 46&quot; &amp; 48&quot; Large Panels</td>
</tr>
<tr>
<td></td>
<td>128&quot;</td>
<td>1-13/16&quot;</td>
<td>DXI24SP107</td>
<td>USG Donn® Brand Identitee® DXI™ Main Tee with 6&quot; paired CT holes, for 72&quot; Large Panels</td>
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<tr>
<td></td>
<td>100&quot;</td>
<td>1-13/16&quot;</td>
<td>DXI24SP106</td>
<td>USG Donn® Brand Identitee® DXI™ Main Tee with 4&quot; paired CT holes, 70&quot; o.c.</td>
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<tr>
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<td>96&quot;</td>
<td>1-13/16&quot;</td>
<td>DXI24SP108</td>
<td>USG Donn® Brand Identitee® DXI™ Main Tee with 6&quot; paired CT holes, 70&quot; o.c.</td>
</tr>
</tbody>
</table>

| Cross Tee  | 21"    | 1-13/16" | DXI2124 | 21" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 22"    | 1-13/16" | DXI2224 | 22" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 24"    | 1-13/16" | DXI224  | 24" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 28"    | 1-13/16" | DXI2824 | 28" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 30"    | 1-13/16" | DXI3024 | 30" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 48"    | 1-13/16" | DXI424  | 48" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 44"    | 1-13/16" | DXI4424 | 44" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 60"    | 1-13/16" | DXI524  | 60" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 56"    | 1-13/16" | DXI5624 | 56" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 72"    | 1-13/16" | DXI624  | 72" USG Donn® Brand Identitee® DXI™ Cross Tee |
|            | 96"    | 1-13/16" | DXI824  | 96" USG Donn® Brand Identitee® DXI™ Cross Tee |

#### USG DONN® BRAND FINELINE™ DXF™ (METRIC) SYSTEM

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Tee</td>
<td>144&quot;</td>
<td>245-LGX</td>
<td>DXF144/245-LGX</td>
<td>up to 50.4% up to 33% 12' Main Tee Notched 24&quot; o.c. one side/c.t. holes @12&quot; o.c. for Logix Ceiling Systems</td>
</tr>
<tr>
<td>Intermediate Duty</td>
<td>132&quot;</td>
<td>44-LGX</td>
<td>DXF144/44-LGX</td>
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<td>120&quot;</td>
<td>205-LGX</td>
<td>DXF120/205-LGX</td>
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<td>108&quot;</td>
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<td>DXF120/54-LGX</td>
<td>up to 50.4% up to 33% 9' Main Tee Notched for 54&quot; panel for Logix Ceiling Systems</td>
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<td>102&quot;</td>
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<td>DXF102/48-LGX</td>
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<td>96&quot;</td>
<td>30-LGX</td>
<td>DXF96/30-LGX</td>
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<td>78&quot;</td>
<td>14-LGX</td>
<td>DXF78/14-LGX</td>
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<td>27&quot;</td>
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<td>DXF27/6-LGX</td>
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<td>42&quot;</td>
<td>14-LGX</td>
<td>DXF42/14-LGX</td>
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<td>4-LGX</td>
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<td>60&quot;</td>
<td>20-LGX</td>
<td>DXF529/20-LGX</td>
<td>up to 50.4% up to 33% 60&quot; Cross Tee Notched for Logix Basic Ceiling Systems</td>
</tr>
</tbody>
</table>

#### High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

![Image of USG DONN® BRAND IDENTITEE® DXI™ and DX® SYSTEMS](image-url)
### USG Logix™ Suspension Systems

#### USG Donn® Brand Centricitee™ and Identitee™ DX™ (Metric) Systems

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Description</th>
</tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>42 mm</td>
<td>MEDX3600</td>
<td>USG Donn® Brand DX™ Main Tee with CT hole, 150 mm o.c.</td>
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<tr>
<td></td>
<td>2400 mm</td>
<td>42 mm</td>
<td>MEDX24SP201</td>
<td>USG Donn® Brand DX™ Main Tee with 100 mm paired CT holes, 1200 mm o.c.</td>
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<tr>
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<td>2600 mm</td>
<td>42 mm</td>
<td>MEDX24SP203</td>
<td>USG Donn® Brand DX™ Main Tee with 100 mm paired CT holes, 1300 mm o.c.</td>
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<td>3000 mm</td>
<td>42 mm</td>
<td>MEDX24SP205</td>
<td>USG Donn® Brand DX™ Main Tee with 100 mm paired CT holes, 1500 mm o.c.</td>
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| | 1000 mm | 38 mm | MEDX1000 | 1000 mm USG Donn® Brand DX™ Cross Tee |
| | 1050 mm | 38 mm | MEDX1050 | 1050 mm USG Donn® Brand DX™ Cross Tee |
| | 1100 mm | 38 mm | MEDX1100 | 1100 mm USG Donn® Brand DX™ Cross Tee |
| | 1200 mm | 38 mm | MEDX1200 | 1200 mm USG Donn® Brand DX™ Cross Tee |
| | 1350 mm | 38 mm | MEDX1350 | 1350 mm USG Donn® Brand DX™ Cross Tee |
| | 1400 mm | 38 mm | MEDX1400 | 1400 mm USG Donn® Brand DX™ Cross Tee |
| | 1500 mm | 38 mm | MEDX1500 | 1500 mm USG Donn® Brand DX™ Cross Tee |
| | 1800 mm | 38 mm | MEDX1800 | 1800 mm USG Donn® Brand DX™ Cross Tee |
| | 1900 mm | 38 mm | MEDX1900 | 1900 mm USG Donn® Brand DX™ Cross Tee |
| | 525 mm | 38 mm | MEDX525 | 525 mm USG Donn® Brand DX™ Cross Tee |
| | 550 mm | 38 mm | MEDX550 | 550 mm USG Donn® Brand DX™ Cross Tee |
| | 600 mm | 38 mm | MEDX600 | 600 mm USG Donn® Brand DX™ Cross Tee |
| | 675 mm | 38 mm | MEDX675 | 675 mm USG Donn® Brand DX™ Cross Tee |
| | 700 mm | 38 mm | MEDX700 | 700 mm USG Donn® Brand DX™ Cross Tee |

| **Main Tee** | | | | |
| | 3600 mm | 46 mm | MEDXT3600 | up to 40% up to 47% USG Donn® Brand Centricitee™ Main Tee with CT hole, 150 mm o.c. |
| | 2400 mm | 46 mm | MEDXT24SP201 | up to 40% up to 47% USG Donn® Brand Centricitee™ Main Tee with 100 mm paired CT holes, 1200 mm o.c. |
| | 2600 mm | 46 mm | MEDXT24SP203 | up to 40% up to 47% USG Donn® Brand Centricitee™ Main Tee with 100 mm paired CT holes, 1300 mm o.c. |
| | 3000 mm | 46 mm | MEDXT24SP205 | up to 40% up to 47% USG Donn® Brand Centricitee™ Main Tee with 100 mm paired CT holes, 1500 mm o.c. |

| | 1000 mm | 38 mm | MEDXT1000 | up to 26% up to 33% 1000 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 1050 mm | 38 mm | MEDXT1050 | up to 26% up to 33% 1050 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 1100 mm | 38 mm | MEDXT1100 | up to 26% up to 33% 1100 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 1200 mm | 38 mm | MEDXT1200 | up to 26% up to 33% 1200 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 1350 mm | 38 mm | MEDXT1350 | up to 26% up to 33% 1350 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 1400 mm | 38 mm | MEDXT1400 | up to 26% up to 33% 1400 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 1500 mm | 38 mm | MEDXT1500 | up to 26% up to 33% 1500 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 1800 mm | 38 mm | MEDXT1800 | up to 26% up to 33% 1800 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 1900 mm | 38 mm | MEDXT1900 | up to 26% up to 33% 1900 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 525 mm | 38 mm | MEDXT525 | up to 26% up to 33% 525 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 550 mm | 38 mm | MEDXT550 | up to 26% up to 33% 550 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 600 mm | 38 mm | MEDXT600 | up to 26% up to 33% 600 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 675 mm | 38 mm | MEDXT675 | up to 26% up to 33% 675 mm USG Donn® Brand Centricitee™ Cross Tee |
| | 700 mm | 38 mm | MEDXT700 | up to 26% up to 33% 700 mm USG Donn® Brand Centricitee™ Cross Tee |
**USG LOGIX® SUSPENSION SYSTEMS**

**USG DONN® BRAND CENTRICITEE® AND IDENTITEE® DXI® (METRIC) SYSTEMS**

**USG LOGIX™ INTEGRATED CEILING SYSTEMS**

Yoke and Cross Members

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>LGXUNVYK</td>
<td>USG Logix™ Universal Yoke 4&quot;, 6&quot; 100 mm, 150 mm, HDG, 2-part yoke</td>
<td>N/A</td>
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<tr>
<td>LGDX4</td>
<td>USG Logix™ 4&quot; channel cross member for USG Donn® Brand DX® systems</td>
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<tr>
<td>LGDX6</td>
<td>USG Logix™ 6&quot; channel cross member USG Donn® Brand DX® systems</td>
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<tr>
<td>LGDX100</td>
<td>USG Logix™ 100 mm channel cross member USG Donn® Brand DX® systems</td>
<td>Flat White</td>
</tr>
<tr>
<td>LGDX150</td>
<td>USG Logix™ 150 mm channel cross member USG Donn® Brand DX® systems</td>
<td>Flat White</td>
</tr>
<tr>
<td>LGDXT4</td>
<td>USG Logix™ 4&quot; channel cross member for USG Donn® Brand Centricitee™ DX™ systems</td>
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<td>LGDXT6</td>
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<td>LGDXT100</td>
<td>USG Logix™ 100 mm channel cross member USG Donn® Brand Centricitee™ DX™ systems</td>
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<tr>
<td>LGDXT150</td>
<td>USG Logix™ 150 mm channel cross member USG Donn® Brand Centricitee™ DX™ systems</td>
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**ASTM Class Length Height Item No. Description Color**

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<th>Intermediate Duty</th>
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<tbody>
<tr>
<td>3600 mm 46 mm MEDXI3600 USG Donn® Brand Identitee® Main Tee with CT hole, 150 mm o.c.</td>
<td>Flat White</td>
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</tr>
<tr>
<td>2400 mm 46 mm MEDXI24SP201 USG Donn® Brand Identitee® Main Tee with 100 mm paired CT holes, 1200 mm o.c.</td>
<td>Flat White</td>
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<tr>
<td>2600 mm 46 mm MEDXI24SP204 USG Donn® Brand Identitee® Main Tee with 150 mm paired CT holes, 1200 mm o.c.</td>
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<td>3000 mm 46 mm MEDXI24SP205 MEDXI24SP206 USG Donn® Brand Identitee® Main Tee with 100 mm paired CT holes, 1500 mm o.c. USG Donn® Brand Identitee® Main Tee with 150 mm paired CT holes, 1500 mm o.c.</td>
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**USG DONN® BRAND IDENTITEE® DXI™ 15 MM TEE SYSTEM**

**Main Tee**

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<td>MEDXI1000</td>
<td>1000 mm USG Donn® Brand Identitee® Cross Tee</td>
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**Accessories**

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For up-to-date technical information and LEED report tool, visit usgdesignstudio.com.
# USG LOGIX™ ACCESSORIES

## IMPERIAL AND METRIC

### CROSS MEMBER COVER

<table>
<thead>
<tr>
<th>To Create a DXI Cross Tee</th>
<th>Use Channel Cross Member (Item No.)</th>
<th>Use Channel Cross Member Cover (Item No.)</th>
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<tbody>
<tr>
<td>USG Logix™ 4&quot;</td>
<td>LGXDXT4</td>
<td>LGXDI4C</td>
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<tr>
<td>USG Logix™ 6&quot;</td>
<td>LGXDXT6</td>
<td>LGXDI6C</td>
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<td>USG Logix™ 100 mm</td>
<td>LGXDXT100</td>
<td>LGXDI100C</td>
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<tr>
<td>USG Logix™ 150 mm</td>
<td>LGXDXT150</td>
<td>LGXDI150C</td>
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### Features

- Versatile engineered design provides support, security, and accessibility.
- Factory-engineered solution provides system rigidity in large module applications and offers quick installation reducing field labor time.
- Available in six different dimensions to facilitate fast delivery.
- Durable galvanized steel construction.
- Factory-engineered capture tabs prevent panel detachment and lip out.
- Adjustable stab tabs secure bars onto the panel.
- Bulb tabs hook over the grid to prevent detachment, maintain lateral alignment and provide access.

### Products

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<th>Description</th>
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<td>ASB48</td>
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<td>ASB900</td>
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<td>ASB1200</td>
<td>1200 mm Accessible Stabilizer Bar</td>
<td><img src="image6" alt="1200 mm Accessible Stabilizer Bar" /></td>
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### Installation

- Panels ≥ 60”:
  - If opening is ≥ 60” then one stabilizer bar is required at midpoint.

- Panels ≥ 96”:
  - If opening is ≥ 96” then two stabilizer bars are required at the 1/3 and 2/3 points.
### USG PANZ® LOGIX™ METAL PANELS

#### Imperial and Metric

<table>
<thead>
<tr>
<th>Materials</th>
<th>Available Sizes</th>
<th>Panel Edge Profile</th>
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</thead>
<tbody>
<tr>
<td>Aluminum Field Panels</td>
<td>20” x 54”, 20” x 60”, 24” x 24”, 24” x 48”, 24” x 72”, 24” x 96”, 27” x 30”, 30” x 20”, 30” x 54”, 30” x 60”, 48” x 48”</td>
<td>FL Edge</td>
</tr>
<tr>
<td>Aluminum Channel Panels</td>
<td>4” x 48”, 4” x 60”, 4” x 72”, 6” x 12”, 6” x 48”, 6” x 60”, 6” x 72”, 12” x 48”, 12” x 60”, 12” x 72”</td>
<td>FL Edge, SQ Edge, SL Edge</td>
</tr>
</tbody>
</table>

### Edge Details

- USG DXT™ Grid, FL Edge
- USG DXI™ Grid, FL Edge
- USG DXF™ Grid, FL Edge
- USG DX™ Grid, SQ Edge
- USG DX™ Grid, SL Edge

**Finish - Smooth, Unperforated**

<table>
<thead>
<tr>
<th>Materials</th>
<th>Available Sizes</th>
<th>Panel Edge Profile</th>
</tr>
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<tbody>
<tr>
<td>Aluminum Field Panels</td>
<td>600 mm x 550 mm, 600 mm x 600 mm, 675 mm x 500 mm, 750 mm x 700 mm, 1050 mm x 600 mm, 1100 mm x 600 mm, 1800 mm x 600 mm, 1200 mm x 600 mm, 1400 mm x 500 mm, 1400 mm x 750 mm, 1550 mm x 750 mm</td>
<td>FL Edge, SQ Edge, SL Edge</td>
</tr>
<tr>
<td>Aluminum Channel Panels</td>
<td>1500 mm x 100 mm, 1200 mm x 100 mm, 1000 mm x 100 mm, 1200 mm x 150 mm, 1000 mm x 150 mm, 1000 mm x 150 mm, 1800 mm x 300 mm</td>
<td>Finish - Smooth, Unperforated</td>
</tr>
</tbody>
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### Edge Details

- USG DXT™ Grid, FL Edge
- USG DXI™ Grid, FL Edge
- USG DXF™ Grid, FL Edge
- USG DX™ Grid, SQ Edge
- USG DX™ Grid, SL Edge

**C116**

<table>
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<th>Materials</th>
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<th>Finish - Perforated C116</th>
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<tr>
<td>Aluminum Channel Panels</td>
<td>6” x 48”, 6” x 60”</td>
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### Edge Details

- USG DXT™ Grid, FL Edge
- USG DXI™ Grid, FL Edge
- USG DXF™ Grid, FL Edge

**C116D**

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<tr>
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<th>Finish - Perforated C116D</th>
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### Edge Details

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<th>USG Logix™ Connector Panels</th>
<th>Item No.</th>
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<th>Color</th>
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<tbody>
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<td></td>
<td>LCP412-S-FL</td>
<td>USG Logix™ 4&quot; x 12&quot; FW Connector Panel with Fineline® (FL) edge, smooth, unperforated</td>
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### PHYSICAL DATA/FOOTNOTES

**Product literature**
- USG Logix™ systems guide: IS268
- USG Logix™ architectural design guide: IS287
- USG Logix™ critical system dimensions: IC609

See usg.com or cgcinc.com for the most up-to-date product information.

**Product Evaluation Report**
- PER-0256

**Online tools**
- usgdesignstudio.com or cgcdesignstudio.com

**Notice**
- The information in this document is subject to change without notice. USG Corp. or its affiliates assumes no responsibility for any errors that may inadvertently appear in this document.

**Installation**
- Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices, within all applicable code requirements. Alternative assemblies and installation methods may be utilized when approved by the authority having jurisdiction. USG recommends checking with the authority having jurisdiction prior to designing and installing a suspended ceiling system.

**Notice**
- We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

**Notes**
- The connector panels are unique in size and function. They are designed to link various utilities in the utility channel such as luminaires and channel panels without cross tees. Refer to USG Logix™ Integrated Ceiling Systems Critical System Dimensions (IC609) for actual dimensions, details and layouts.
- ASTm Load Compliance
- Classified as Light, Intermediate or Heavy Duty when tested in accordance with ASTM C635.
- Material
- Min. G30 hot-dipped galvanized steel.
SUSPENSION SYSTEMS
Suspension Systems

USG Orion™ 85 Acoustical Panels, Mars™ High-NRC Logix™ Acoustical Panels and Donn® Brand DX™/DXL™ 15/16” Acoustical Suspension System
Cognizant Office in Irving, TX
Architect: IA INTERIOR ARCHITECTS
Photo: ©Thomas McConnell
FEATURES AND BENEFITS

- 15/16" exposed tee system. Components for use in general and fire-rated applications.
- Maximum economy and design simplicity.
- Compatible with USG Logix™ Integrated Ceiling System.
- USG DXL™ system features more than 80 UL designs (up to three hours).
- Cross-tee override-ends resist twisting and give a professionally finished look.
- Meets or exceeds all national code requirements, including seismic.
- Proprietary Quick-Release™ cross tees.
- High recycled content (HRC) available.
- Custom colors available.
- ICC-ES evaluated for seismic installations (ESR-1222).
- USG Donn® Brand DX™/DXL™ Acoustical Suspension System is part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Fire-rated interior general-use areas
- USG Logix™ Integrated System
USG DONN® BRAND DX®/DXL™
Acoustical Suspension System

Flat White
3/8”
Flat White, Standard, Advantage, and Premium

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product information

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USG DONN® BRAND DX®/DXL™
Acoustical Suspension System

15/16” Tee System

Cross Tee 1”
Cross Tee 1-1/2”

PhysicaL DATA/FOOTNOTES

Intermediate Duty
12’ 3600 mm USG 1.64” (42 mm) DDX24 Class A Flat White Standard Advantage

Heavy Duty
12’ 3600 mm USG 1.64” (42 mm) DDXL26 Class A Flat White Standard Advantage

Cross Tee 1”

Wall Angle Length Item No. Color Wall Angle Length Item No. Color

12’ 3600 mm M77R Flat White Standard Advantage

12’ 3600 mm M712 Flat White Standard Advantage

10’ 3000 mm M18 Flat White Standard Advantage

10’ 3000 mm M20SM-2 Flat White Standard Advantage

12’ 3600 mm M20SM-2 Flat White Standard Advantage

Low Emissions (VOC)

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

Firecode®

Declare® Labels on select finishes, see usg.com for more details and documentation.

Seismic Design Category

All USG DX/DXL™ main-tee and cross-tee connections meet IBC requirements for tension and compression strength, as tested per ASTM E3090.

Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit of L/360.

USG DONN® BRAND DX® and DXL™ parts are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

ASTM Load Compliance

High Recycled Content

USG DONN® BRAND DX® and DXL™ parts are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

Notes

1. All USG DX/DXL™ main-tee and cross-tee connections meet IBC requirements for tension and compression strength, as tested per ASTM E3090.

2. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit of L/360.

3. UL fire-rated listing, labeling and follow-up applies only to fire-rated components.


6. Non-fire-rated applications may mix USG DX® and DXL™ parts.

7. Panels must be specified to be field-cut and field-reveled and to provide widest possible lay-on-edge. For USG DXL™, channel moldings are also acceptable in some designs. Check UL Fire Research Directory for molding options.

8. For USG DXL™, channel moldings are also acceptable in some designs. Check UL Fire Research Directory for molding options.

9. Brass and chrome available on limited items.

10. Structural design and installation.

11. USG DONN® BRAND DX® and DXL™ parts are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

12. Galvanized Low Gloss Clear is available in USG DONN® BRAND DX® / USG DONN® BRAND DXL™ Acoustical Suspension System only.

Order samples/literature

USG DONN®, USG, CGC, Declare, Logix, Quick-Release, Eclipse, EcoBlueprint, Firecode, DONN, DX, DXL, USG Acoustical Suspension System, and the USG/CGC logos, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.

For most up-to-date technical information and lead report tool

USG Design Studio

cgcdesignstudio.com

usa.usg.com or sales@usg.com

CGC contact sales representative

Technical services

800 USG 4YOU (874-4968)

Manufactured by USG Interiors, LLC
550 West Adams Street
Chicago, IL 60601

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

USG DONN® BRAND DX®/DXL™
Acoustical Suspension System

ASTM Class Length Height Item No. Fire Rating Color IBC ICC-ES Evaluated Installation 4’ Hanger Spacing 5’ Hanger Spacing 6’ Hanger Spacing

Intermediate Duty
—

Heavy Duty
12’ 3600 mm USG 1.64” (42 mm) DDXL26 Class A Flat White Standard Advantage

USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661
USG DONN® BRAND DX®/DXL™ CONCEALED ACOUSTICAL SUSPENSION SYSTEM

FEATURES AND BENEFITS

• Supporting grid is completely concealed, providing a monolithic, uninterrupted ceiling plane with up to 50% access to the plenum.
• Fire-rated assemblies up to three hours.
• Min. G30 hot-dipped galvanized steel body.
• UL fire-rated assemblies available.

APPLICATIONS

• Interior general-use areas
• Fire-rated interior general-use areas
• Retail stores

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
USG DONN® BRAND DX/DXL™ CONCEALED ACOUSTICAL SUSPENSION SYSTEM

Declare® Labels on select finishes, see usg.com for more details and documentation.

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<tr>
<td>USG 1.64”</td>
<td>DXL26</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4’

USG 1-1/2’

DX424
DXL424

CGC 1-1/2”

DX/DXL424

11’

1”

BPC 116

23”

1-1/2”

BPC 234

11’

—

E10

—

C8

4’

—

BPA 424

SB48

Wall Angle Length Item No. Color

10’

US28

Flat White

Note

Either DE416 or DT416 can be used for the same function of supporting the tile. DE416 is a roll-formed uncapped tee spline with the bulb offset to one side of the profile. It is supported on the ends by an integral tab cut from the web. DT416 is a typical suspension tee profile. It is supported on the ends by an extended offset face that rests on perpendicular tee flanges.

<table>
<thead>
<tr>
<th>Material</th>
<th>M10, G10 double-web, hot-dipped galvanized steel body and cap. Baked-on polyester paint.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation</td>
<td>Install according to ASTM C636, ASTM E580, OCSA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.</td>
</tr>
</tbody>
</table>


e10

299
FEATURES AND BENEFITS
• 1-1/2” exposed grid system. Design alternative for high-bay areas and large panel modules.
• Cross-tee override-ends resist twisting.
• Complies with all national code requirements.
• Proprietary Quick-Release™ cross tees.
• Custom colors available.
• ICC-ES evaluated for seismic installations (ESR-1222).

APPLICATIONS
• Interior general-use areas
• High-bay areas
• Large-module ceilings

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS
- Flat White 050
- Parchment 103
- Manila 246
- Straw 143
- Sandstone 090
- Taupe 107
- Charcoal 534

ADVANTAGE COLOR
- Coordinating Matte White 3716

POWDER-COATED FINISH
- Powder White 3767

PROFILE

EDGE DETAIL
1 1/2"
### USG DONN® BRAND DXW® ACOUSTICAL SUSPENSION SYSTEM

#### YEAR LIMITED SYSTEM WARRANTY

- No Visible Sag
- Mold/Mildew Protection

#### HIGH RECYCLED CONTENT

Declare® Labels on select finishes, see usg.com for more details and documentation.

#### Seismic Design Category

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>Color</th>
<th>IBC</th>
<th>ICC-ES Evaluated Installation</th>
<th>4' Hanger Spacing</th>
<th>5' Hanger Spacing</th>
<th>6' Hanger Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Duty</td>
<td>12'</td>
<td>1-1/2&quot;</td>
<td>DXW26</td>
<td>Class A</td>
<td>Standard</td>
<td>A-F</td>
<td>7/8&quot; Molding ACM7 Clip</td>
<td>16 lb./LF</td>
<td>7.3 lb./LF</td>
<td>4.9 lb./LF</td>
</tr>
<tr>
<td></td>
<td>2'</td>
<td>1-1/2&quot;</td>
<td>DXW224</td>
<td>Class A</td>
<td>Standard</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td></td>
<td>4'</td>
<td>1-1/2&quot;</td>
<td>DXW424</td>
<td>Class A</td>
<td>Standard</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>36.7 lb./LF</td>
<td>—</td>
</tr>
</tbody>
</table>

#### MOLDING²³⁴

- Low Emissions (VOC) CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.
- High Recycled Content USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

#### PHYSICAL DATA/FOOTNOTES

**Product literature and samples**
- Data sheet: AC3037
- Sample: 205168

**Material**
- Min. G30 hot-dipped galvanized steel body and cap. Baked-on polyester paint or powder-coated finish.

**Installation**
- Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

**Online tools**
- usgdesignstudio.com or cgcdesignstudio.com
- ICC Evaluation Service, LLC Report Compliance
  - For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.
  - ASTM Load Compliance
  - Classified as Heavy Duty when tested in accordance with ASTM E635.

**Notes**
- 1. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
- 2. Custom colors available.
- 3. For more information on moldings, see Perimeter Interface selector.
- 4. Panels must be field-cut to size at the perimeter.

---

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FEATURES AND BENEFITS

- 9/16” exposed grid provides a clean aesthetic.
- Compatible with USG Logix™ Integrated Ceiling Systems.
- Cross-tee override-ends resist twisting and ensure a finished look.
- Proprietary Quick-Release™ cross tees.
- High recycled content (HRC) available.
- Premium and custom colors available.
- Some items available in metric sizes.
- USG Donn® Brand Centricitee™ DXT™/DXLT™ Acoustical Suspension System is part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Interior general-use areas
- Fire-rated interior general-use areas
- USG Logix™ Integrated Ceiling Systems
### ASTM Class

<table>
<thead>
<tr>
<th>Length</th>
<th>Height</th>
<th>Fire Rating</th>
<th>Color</th>
<th>IBC</th>
<th>ICC-ES</th>
<th>4' Hanger Spacing</th>
<th>5' Hanger Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Intermediate Duty</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10' 3000 mm</td>
<td>1-1/2&quot; 38 mm</td>
<td>Class A</td>
<td>SC, AC, PC</td>
<td>A, C</td>
<td>7/8&quot; Molding ACM7 Clip</td>
<td>12 lb./LF</td>
<td>6.6 lb./LF</td>
</tr>
<tr>
<td>12' 3600 mm</td>
<td>1-1/2&quot; 38 mm</td>
<td>Class A</td>
<td>SC, AC, PC</td>
<td>A, C</td>
<td>7/8&quot; Molding ACM7 Clip</td>
<td>12 lb./LF</td>
<td>6.6 lb./LF</td>
</tr>
<tr>
<td><strong>Heavy Duty</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12' 3600 mm</td>
<td>1-5/8&quot; 42 mm</td>
<td>Class A</td>
<td>SC, AC, PC</td>
<td>A, F</td>
<td>7/8&quot; Molding ACM7 Clip</td>
<td>16 lb./LF</td>
<td>7.3 lb./LF</td>
</tr>
</tbody>
</table>

### Low Emissions (VOC)

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

### High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### Firecode

Declare® labels on select finishes, see usg.com for more details and documentation.

### 9/16" TEE SYSTEM

<table>
<thead>
<tr>
<th>Wall Angle</th>
<th>Length</th>
<th>Item No.</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MOLDING</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/2&quot; shelf for seismic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2&quot; shelf for seismic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Shadowline</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cross Tee 1-1/2&quot;</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### MOLDING

- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium
- Flat White, Standard, Advantage, Premium

### PHYSICAL DATA/FOOTNOTES

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**AC3040/rev. 2-23**

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FEATURES AND BENEFITS

• Narrow-profile, slotted grid system with 1/4" reveal provides streamlined appearance.
• Reveal accommodates partition attachments and pendant-mounted light fixtures.
• Mitered intersections offer a clean, tailored appearance.
• Complies with all national code requirements, including fire-rated assemblies up to one hour.
• Optional integrated air diffuser.
• Accepts USG Celebration™ Snap-In Ceiling Panels for ceiling-area accents without changing grid system.
• Custom colors available.
• High recycled content (HRC) available.
• ICC-ES evaluated for seismic installations (ESR-1222).
• USG Donn® Brand Fineline® DXF™/DXLF™ Acoustical Suspension System is part of the Ecobluemprint™ portfolio – meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

• All interior general-use areas
• Fire-rated interior general-use areas
### USG DONN® BRAND FINELINE® DXF™/DXLF™ ACOUSTICAL SUSPENSION SYSTEM

**YEAR LIMITED SYSTEM WARRANTY**
- No Visible Sag
- Mold/Mildew Protection

**HIGH RECYCLED CONTENT**

ORDER SAMPLES/LITERATURE
USG: usg.com or samplit@usg.com
CGC: contact Sales Representative
TECHNICAL SERVICES
800 USG.4YOU (874-4968)

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com

Declare® Labels on select finishes, see usg.com for more details and documentation.

#### Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

#### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

#### Firecode®
Suspension Systems

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>Seismic Design Category</th>
<th>Rated Load</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>10'</td>
<td>1-25/32”</td>
<td>DXF2924-10</td>
<td>A–C</td>
<td>7/8” Molding ACM7 Clip</td>
<td>3 lb./LF</td>
</tr>
<tr>
<td></td>
<td>12'</td>
<td>3600 mm</td>
<td>DXF2924</td>
<td>A–C</td>
<td>7/8” Molding ACM7 Clip</td>
<td>3 lb./LF</td>
</tr>
<tr>
<td></td>
<td>Heavy Duty</td>
<td>12'</td>
<td>3600 mm</td>
<td>DXF2924HRC</td>
<td>A–C</td>
<td>7/8” Molding ACM7 Clip</td>
</tr>
<tr>
<td></td>
<td>1'</td>
<td>1-25/32”</td>
<td>DXF129</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2'</td>
<td>600 mm</td>
<td>DXF229</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>30'</td>
<td>1-25/32”</td>
<td>DXF30</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4'</td>
<td>1200 mm</td>
<td>DXF429</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5'</td>
<td>1200 mm</td>
<td>DXF429HRC</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>57'</td>
<td>1-25/32”</td>
<td>DXF57</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5'</td>
<td>1500 mm</td>
<td>DXF529N</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6'</td>
<td>1-25/32”</td>
<td>DXF629</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8'</td>
<td>1-25/32”</td>
<td>DXF829</td>
<td>Class A</td>
<td>Class A</td>
<td></td>
</tr>
</tbody>
</table>
### USG DONN® BRAND FINELINE® DXF®/DXLF® ACOUSTICAL SUSPENSION SYSTEM

**YEAR LIMITED SYSTEM WARRANTY**
- No Visible Sag
- Mold/Mildew Protection

**HIGH RECYCLED CONTENT**

Declare® Labels on select finishes, see usg.com for more details and documentation.

**LOW EMISSIONS (VOC)**
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**HIGH RECYCLED CONTENT**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

<table>
<thead>
<tr>
<th>Wall Angle</th>
<th>Length</th>
<th>Item No.</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Molding</td>
<td>12'</td>
<td>M9</td>
<td>Flat White, Standard, Advantage, Premium</td>
</tr>
<tr>
<td>Shadowline</td>
<td>3600 mm</td>
<td>M9 HRC</td>
<td>Flat White, Standard, Advantage, Premium</td>
</tr>
<tr>
<td>Molding</td>
<td>12'</td>
<td>M7</td>
<td>Flat White, Standard, Advantage, Premium</td>
</tr>
<tr>
<td>Shadowline</td>
<td>3600 mm</td>
<td>M7 HRC</td>
<td>Flat White, Standard, Advantage, Premium</td>
</tr>
<tr>
<td>Molding</td>
<td>12'</td>
<td>M5174</td>
<td>Flat White, Standard, Advantage, Premium</td>
</tr>
<tr>
<td>Shadowline</td>
<td>12'</td>
<td>M5274</td>
<td>Flat White, Standard, Advantage, Premium</td>
</tr>
</tbody>
</table>

2" shelf for seismic
USG DONN® BRAND FINELINE® DXF®/DXLF™ ACOUSTICAL SUSPENSION SYSTEM

Product literature and samples
Data sheet: AC3034
Sample: 204105

Installation
Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Limitations
For exposed grids in non-fire-rated, high-humidity applications, use USG Donn® Brand Fineline® DXFEV™ G90 painted suspension system. For exterior applications, the suspension system should be reviewed by a structural engineer. Please refer to SC2561 for more information about USG Donn® Brand Fineline® DXFEV™ and exterior ceiling applications.

Online tools
usgdesignstudio.com or cgcdesignstudio.com

Material
Min. 0.50 hot-dipped galvanized steel body. Baked-on polyester paint.

ICC Evaluation Service, LLC Report Compliance
For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

ASTM Load Compliance
Classified as Light, Intermediate or Heavy Duty when tested in accordance with ASTM C635.

Air Diffusers
Refer to AC272.

Notes
1. Hanger wire spacing and locations must be per the UL design.
2. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
3. Some products are available in metric. Call Customer Service for details.
4. Custom color available.
5. Standard main tee is notched 24” o.c. but has cross-tee hole sizes 12” o.c.
6. Cross-tee hole spacings available for a variety of modules except USG Donn® Brand Fineline® DXLF™.
7. N = Notch at midpoint.
8. S = Midpoint notch on one side only to accommodate light fixture.
9. For more information about moldings, see Perimeter Interface selector.
10. Panels must be field-cut to size at the perimeter.
11. Notched 10” o.c.
12. Notched 20” o.c.
13. Metric sizes listed available with standard lead times. Other metric sizes available by RTQ.
USG DONN® BRAND FINELINE® 1/8 DXFF™ ACoustical SUSPENSION SYSTEM

FEATURES AND BENEFITS

• Narrow-profile, slotted grid system with 1/8” reveal provides streamlined appearance.
• Reveal accommodates partition attachments and pendant-mounted light fixtures.
• Mitered intersections offer a clean, tailored appearance.
• Complies with all national code requirements.
• Optional integrated air diffuser.
• Custom colors available.
• ICC-ES evaluated for seismic installations (ESR-1222).
• Standard components available in Imperial and Metric sizes.
• USG Donn® Brand Fineline® 1/8 DXFF Acoustical Suspension System is part of the Ecobluueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCIn.com.

APPLICATIONS

• All interior general-use areas

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS®

- Flat White 050
- Flat Black 206
- Parchment 105
- Manila 246
- Straw 143
- Sandstone 090
- Taupe 107
- Charcoal 544
- Silver Satin 052

ADVANTAGE COLORS®

- Breeze 2658
- Blue Grey 564
- Azure 2660
- Slate 568
- Spruce 567
- Tuscany 2663
- Sorbet 2682
- Squash 2661

PREMIUM COLORS

- Dawn 3679
- Old Stone 3691
- Sea Shell 3678
- Light Brown 3690
- Nut Brown 3680
- Pear 3682
- Slate 3683
- Shale 3684
- Ocean Ridge 3684

POWDER-COATED FINISH

- Powder White 3760

PROFILE

EDGE DETAIL
USG DONN® BRAND FINELINE® 1/8 DXFF® ACOUSTICAL SUSPENSION SYSTEM

YEAR LIMITED SYSTEM WARRANTY
• No Visible Sag
• Mold/Mildew Protection

HIGH RECYCLED CONTENT

ORDER SAMPLES/LITERATURE
USG: usg.com or samplit@usg.com
CGC: contact Sales Representative

FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com

Low Emissions (VOC)
USG Classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

MOLDING®
USG DONN®
BRAND FINELINE®
1/8 DXFF®

PHYSICAL DATA/FOOTNOTES

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

USG DONN® BRAND FINELINE® 1/8 DXFF® ACOUSTICAL SUSPENSION SYSTEM

Seismic Design Category | Rated Load

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>IBC</th>
<th>ICC-ES Evaluated Installation</th>
<th>4’ Hanger Spacing</th>
<th>5’ Hanger Spacing</th>
<th>6’ Hanger Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Duty</td>
<td>10’</td>
<td>1-25/32”</td>
<td>45 mm</td>
<td>DXFF2930</td>
<td>Class A</td>
<td>A-C</td>
<td>7/8” Molding ACM7 Clip</td>
<td>12 lb./LF</td>
<td>6.5 lb./LF</td>
</tr>
<tr>
<td></td>
<td>12’</td>
<td>1-25/32”</td>
<td>45 mm</td>
<td>DXFF2924</td>
<td>Class A</td>
<td>A-C</td>
<td>7/8” Molding ACM7 Clip</td>
<td>12 lb./LF</td>
<td>6.5 lb./LF</td>
</tr>
<tr>
<td></td>
<td>3600 mm</td>
<td>45 mm</td>
<td>MEDXF29600</td>
<td>Class A</td>
<td>A-C</td>
<td>22 mm (7/8”) Molding ACM7 Clip</td>
<td>12 lb./LF</td>
<td>6.5 lb./LF</td>
<td>3.6 lb./LF</td>
</tr>
<tr>
<td>Heavy Duty</td>
<td>12’</td>
<td>1-25/32”</td>
<td>42 mm</td>
<td>DXFFFH2924</td>
<td>Class A</td>
<td>A-F</td>
<td>7/8” Molding ACM7 Clip</td>
<td>16 lb./LF</td>
<td>8.3 lb./LF</td>
</tr>
<tr>
<td></td>
<td>3600 mm</td>
<td>45 mm</td>
<td>MEDXFHH3600</td>
<td>Class A</td>
<td>A-F</td>
<td>22 mm (7/8”) Molding ACM7 Clip</td>
<td>16 lb./LF</td>
<td>8.3 lb./LF</td>
<td>4.9 lb./LF</td>
</tr>
</tbody>
</table>

1’ | 1-25/32” | DXFF129 | Class A |
2’ | 1-25/32” | DXFF229 | Class A |
30’ | 1-25/32” | DXFF30 | Class A |
4’ | 1-25/32” | DXFF429 | Class A |
5’ | 1-25/32” | DXFF529 | Class A |
1200 mm | 45 mm | MEDXF1200 | Class A |
600 mm | 45 mm | MEDXF600 | Class A |

Low Emissions (VOC)
USG Classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

MOLDING®
Wall Angle | Length | Item No. |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12’</td>
<td>3600 mm</td>
<td>M9</td>
</tr>
<tr>
<td>12’</td>
<td>3600 mm</td>
<td>M7</td>
</tr>
</tbody>
</table>

Wall Angle | Length | Item No. |
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>12’</td>
<td>3600 mm</td>
<td>MS174</td>
</tr>
</tbody>
</table>

Product literature and samples
Data sheet: AC3033
Sample: 270308

Material

Installation
Install according to ASTM C635, ASTM E580, and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Seismic Design Category
For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

ASTM Load Compliance
Classified as Light, Intermediate or Heavy Duty when tested in accordance with ASTM C635.

Air Diffusers
Request AC272.

Notes
1. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
2. Custom color available.
3. Cross-tee notches available in 24” and 30” modules. Standard is 24” o.c.
4. N = Notch at midpoint.
5. Midpoint notch on one side only to accommodate light fixtures.
6. Panels must be field-cut to size at the perimeter.
7. Metric sizes listed available with standard lead times. Other metric sizes available by RTQ.
FEATURES AND BENEFITS

- Narrow-profile grid system with double 1/8” reveal.
- Seamless reveal at intersections.
- Meets or exceeds all national code requirements including seismic.
- Compatible with USG Logix™ Integrated System.
- Custom colors available.
- ICC-ES evaluated for seismic installations (ESR-1222).
- G30 hot-dipped galvanized steel body and cap inhibits red rust.
- All USG Donn® Brand Identitee® DXI™ items have High Recycled Content (HRC).
- Metric sizes available.
- Proprietary cap lance allows a variety of color and coating options to meet unique project requirements.
- USG Donn® Brand Identitee® DXI™ Suspension System is part of the Ecoblueprint™ portfolio – meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- All interior general-use areas
- USG Logix™ Integrated System

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS

<table>
<thead>
<tr>
<th>Color</th>
<th>Code</th>
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<tbody>
<tr>
<td>Flat White</td>
<td>050</td>
</tr>
<tr>
<td>Parchment</td>
<td>103</td>
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<tr>
<td>Mantra</td>
<td>246</td>
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<tr>
<td>Beige</td>
<td>142</td>
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<tr>
<td>Straw</td>
<td>143</td>
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<td>Sandstone</td>
<td>090</td>
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<tr>
<td>Taupe</td>
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<tr>
<td>Charcoal</td>
<td>534</td>
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ADVANTAGE COLORS

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Breeze</td>
<td>2659</td>
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<tr>
<td>Blue Gray</td>
<td>564</td>
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<tr>
<td>Azure</td>
<td>2660</td>
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<tr>
<td>Slate</td>
<td>568</td>
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<tr>
<td>Sirena</td>
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<tr>
<td>Tuscany</td>
<td>2663</td>
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<tr>
<td>Sorbet</td>
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<td>Squash</td>
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PREMIUM COLORS

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<tr>
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<tr>
<td>Old Stone</td>
<td>3691</td>
</tr>
<tr>
<td>Sea Shell</td>
<td>3678</td>
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<tr>
<td>Light Brown</td>
<td>3690</td>
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<tr>
<td>Nut Brown</td>
<td>3680</td>
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<tr>
<td>Peat</td>
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<tr>
<td>Shale</td>
<td>3683</td>
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<tr>
<td>Ocean Ridge</td>
<td>3684</td>
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POWDER-COATED FINISH

- Powder White 5767

PROFILE

- USG Donn® Brand Fineline®

EDGE DETAIL

- USG Donn® Brand Fineline® Bevel
## USG DONN® BRAND IDENTITEE® DXI™
### ACOUSTICAL SUSPENSION SYSTEM

**Low Emissions (VOC)**
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

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<th>IBC Evaluated Installation</th>
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<th>6’ Hanger Spacing</th>
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<td>Intermediate Duty</td>
<td>9/16” TEE SYSTEM*</td>
<td>12”</td>
<td>3600 mm</td>
<td>DXI24HRC</td>
<td>Class A</td>
<td>A-C 7/8” Molding ACM7 Clip</td>
<td>12 lb./LF</td>
<td>7.3 lb./LF</td>
<td>4.2 lb./LF</td>
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<tr>
<td>Heavy Duty</td>
<td>12”</td>
<td>3600 mm</td>
<td>DXI26HRC</td>
<td>Class A</td>
<td>A-F 7/8” Molding ACM7 Clip</td>
<td>16 lb./LF</td>
<td>9.1 lb./LF</td>
<td>5.2 lb./LF</td>
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</table>

### 9/16” TEE SYSTEM*

*Main Tee

<table>
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<tr>
<th>Cross Tee</th>
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</table>

<table>
<thead>
<tr>
<th>Location of cap lance</th>
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</table>

| 21” | 1-1/16” | DXI2124 | Class A | — | — | — |
| 27” | 1-1/16” | DXI2724 | Class A | — | — | — |
| 30” | 1-1/16” | DXI3024 | Class A | — | — | — |
| 42” | 1-1/16” | DXI4224 | Class A | — | — | — |
| 54” | 1-1/16” | DXI5424 | Class A | — | — | — |
| 57” | 1-1/16” | DXI5724 | Class A | — | — | — |
| 1” | 1-1/16” | DXI124 | Class A | — | — | — |
| 2” | 1-1/16” | DXI224HRC | Class A | — | — | — |
| 4” | 1-1/16” | DXI424HRC | Class A | — | — | — |
| 5” | 1-1/16” | DXI524HRC | Class A | — | — | — |
| 6” | 1-1/16” | DXI624 | Class A | — | — | — |
| 8” | 1-1/16” | DXI824 | Class A | — | — | — |
| USG Logix® | 1-1/16” | See USG Logix® Guide IS268 | Class A | — | — | — |
### USG DONN® BRAND IDENTITEE® DXI™
**ACOUSTICAL SUSPENSION SYSTEM**

#### 30 YEAR LIMITED SYSTEM WARRANTY
- No Visible Sag
- Mold/Mildew Protection

#### HIGH RECYCLED CONTENT
- Declare® Labels on select finishes, see usg.com for more details and documentation.

#### TECHNICAL SERVICES
800 USG.4YOU (874-4968)

#### FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com

#### WALL ANGLE LENGTH ITEM NO. COLOR

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<th>Color</th>
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<td>12&quot;</td>
<td>M9</td>
<td>Flat White Standard</td>
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<td>Advantage Premium</td>
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<td>Shadowline</td>
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<td>M9HRC</td>
<td>Flat White Standard</td>
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<td></td>
<td></td>
<td></td>
<td>Advantage Premium</td>
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<tr>
<td>M7</td>
<td>12&quot;</td>
<td>M7</td>
<td>Flat White Standard</td>
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<td>Advantage Premium</td>
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<td></td>
<td></td>
<td>M7HRC</td>
<td>Flat White Standard</td>
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<td>Advantage Premium</td>
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<td>M9</td>
<td></td>
<td>M512S</td>
<td>Flat White Standard</td>
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<td>Advantage Premium</td>
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<td>Face Sleeve</td>
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<td>MS74</td>
<td>Flat White Standard</td>
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<td>Intersection Sleeve</td>
<td>TFS-S DXI FC</td>
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</table>

#### Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

#### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

---

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USG DONN® BRAND IDENTITEE® DXI™
ACOUSTICAL SUSPENSION SYSTEM

Product literature and samples
Data sheet: AC3281
USG Logix™ system guide: IS268
USG Logix™ architectural design guide: IS287
Sample: 216276

Material
G30 hot-dipped galvanized steel body and cap. Baked-on polyester paint.

Installation
Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Online tools
usgdesignstudio.com or cgcdesignstudio.com

I-CLASSIFICATION SERVICE, LLC Report
Compliance
For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-022 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

Classified as Light, Intermediate or Heavy Duty when tested in accordance with ASTM C635.

Air diffusers
Request AC272-290.

Additional accessories
1. Load transfer bracket—use DXI/DY26LTB.
2. Partition attachment—use UPAC.
3. Lift fixture clip—use LFC.

Notes
2. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit of L/360.
3. Available in metric.
4. Hanger wire spacing and location must be per the UL design.
5. Panels must be field-cut to size at the perimeter.
6. For seismic expansion joints.
7. For off-module intersections.
8. Metric items listed available with standard lead times. Other metric items available by RTQ.

Physical data/footnotes
Product literature and samples
Data sheet: AC3281
USG Logix™ system guide: IS268
USG Logix™ architectural design guide: IS287
Sample: 216276

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3. Lift fixture clip—use LFC.

Notes
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3. Available in metric.
4. Hanger wire spacing and location must be per the UL design.
5. Panels must be field-cut to size at the perimeter.
6. For seismic expansion joints.
7. For off-module intersections.
8. Metric items listed available with standard lead times. Other metric items available by RTQ.
FEATURES AND BENEFITS
• Cleanability exceeds FGI guidelines for healthcare facilities.
• Noncorrosive aluminum 15/16” exposed grid system with stainless steel clip, ideal for high-humidity or wet-cleaned areas.
• Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D5402.
• Tested in accordance with ASTM C635.
• Cross-tee override-ends resist twisting and give a professionally finished look.
• Proprietary stainless steel Quick-Release™ clip.
• Up to 90% recycled content.
• Factory applied, white closed cell foam gasket.
• ICC-ES approved for seismic installations (ESR-1222)

APPLICATIONS
• Healthcare facilities, restricted and semirestricted areas
• MRI rooms
• Magnetic-free zones
• High-humidity areas
• Food processing areas
• AXCE Certified to meet ISO 14644-1 Class 5-8 (Fed. Standard 209E Class 100-100,000)
# ACOUSTICAL SUSPENSION SYSTEM

## USG DONN® BRAND AX®/AXCE™

### PHYSICAL DATA/FOOTNOTES

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Color</th>
<th>Recycled Content</th>
<th>Perimeter Channel</th>
<th>Length</th>
<th>Item No.</th>
<th>Color</th>
<th>Recycled Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Duty</td>
<td>12'</td>
<td>1-1/2''</td>
<td>AX26</td>
<td>Flat White</td>
<td>A-F</td>
<td>7/8'' Molding</td>
<td>10''</td>
<td>UA25</td>
<td>Flat White</td>
<td>up to 65%</td>
</tr>
<tr>
<td>Light Duty</td>
<td>2'</td>
<td>1-1/2''</td>
<td>AX224</td>
<td>Flat White</td>
<td>A-F</td>
<td>7/8'' Molding</td>
<td>10''</td>
<td>UA25</td>
<td>Flat White</td>
<td>up to 65%</td>
</tr>
<tr>
<td>Light Duty</td>
<td>4'</td>
<td>1-1/2''</td>
<td>AX424</td>
<td>Flat White</td>
<td>A-F</td>
<td>7/8'' Molding</td>
<td>10''</td>
<td>UA25</td>
<td>Flat White</td>
<td>up to 65%</td>
</tr>
</tbody>
</table>

### Product Literature and Samples
- Data sheet: AC32997
- Technical Guide: SC2499

### Installation
- ASTM Load Compliance
- Seismic and heavy duty applications
- Clean Room Installation
- Limitations

### Notes
- 1. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
- 2. Perimeter panels must be trimmed so that the edge extends completely over the gasket.
- 3. UA25CE molding and L15 and C8 hold-down clips are required for USG Class 5 Clean Room applications.
- 4. Metric sizes available by RTQ.
- 5. AXCE™ is not available in powder coated options, only available in Flat White up to 65%.
- 6. For seismic installation requirements refer to ESR-1222.
USG DONN® BRAND CE™
ACOUSTICAL SUSPENSION SYSTEM

FEATURES AND BENEFITS
• Grid system with factory-applied white, closed-cell foam gaskets for controlled-environments.
• Min. G30 hot-dipped galvanized body provides corrosion protection.
• Supports Clean Room HEPA filters and lights.
• ICC-ES evaluated for building code compliance and seismic installations (ICC-ESR-1222).
• Cleanability exceeds FGI guidelines for healthcare facilities.
• Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D5402.

APPLICATIONS
• Clean Rooms
• Hospitals
• Food processing areas
• Healthcare facilities, restricted and semirestricted areas
• Certified to meet ISO 14644-1 Class 5-8 (Fed. Standard 209E Class 100-100,000)
### USG DONN® BRAND CE®

**ACOUSTICAL SUSPENSION SYSTEM**

<table>
<thead>
<tr>
<th>Astm Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>Color</th>
<th>Seismic Design Category</th>
<th>Rated Load</th>
<th>Space Spacing</th>
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<tbody>
<tr>
<td>Heavy Duty</td>
<td>12&quot;</td>
<td>1-1/2&quot;</td>
<td>DXWCE26</td>
<td>Class A</td>
<td>Flat White</td>
<td>IBC: A-C</td>
<td>16 lb./LF</td>
<td>7.5 lb./LF</td>
<td>4.9 lb./LF</td>
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<tr>
<td></td>
<td>2'</td>
<td>1-1/2&quot;</td>
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<td>Class A</td>
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<tr>
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<td>4'</td>
<td>1-1/2&quot;</td>
<td>DXWCE424</td>
<td>Class A</td>
<td>Flat White</td>
<td>ACM7 Clip: flat</td>
<td>16 lb./LF</td>
<td>7.5 lb./LF</td>
<td>4.9 lb./LF</td>
</tr>
</tbody>
</table>

**Notes**

1. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM D5402-93.
2. When required, lay-in light fixtures used in Clean Room ceiling assemblies shall be certified for Clean Room applications. For more information on moldings, see Perimeter Interface section. Depending on the perimeter. 5. Panels must be false-cut to size at field at the perimeter.
3. US28CE molding and L15 and C-8 hold-down clips required for Clean Room ISO Class 5-8 applications. 6. USG CE® suspensions clearances and dimensions of use. Reports are subject to revocation, revision and possible cancellation. Reference to usg.com for most current version.

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

**High Recycled Content**

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.
USG DONN® BRAND DXLA™/DXACE™
ACOUSTICAL SUSPENSION SYSTEM

FEATURES AND BENEFITS

• 15/16” exposed, fire-rated system with aluminum cap.
• Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D5402.
• Available with factory-applied white, closed-cell foam gasket for Clean Room applications.
• Suitable for use in food processing areas and meets USDA/FSIS requirements.
• Cross-tee override-ends resist twisting and give a professionally finished look.
• Proprietary Quick-Release™ cross tees.
• ICC-ES evaluated for seismic installations (ESR-1222).
• Custom colors available.
• USG DONN® Brand DXLA™/DXACE™ Acoustical Suspension System is part of the Ecoblu print™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCinc.com.

APPLICATIONS

• Healthcare facilities
• USG DXLA™ for use in UL fire-rated designs
• Food processing areas
• DXACE™ Certified to meet ISO 14644-1 Class 5-8 (Fed. Standard 209E Class 100-100,000)®

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS

Flat White 050
Silver Satin 002

ADVANTAGE COLOR

Coordinating Matte White 3736

POWDER-COATED FINISH

Powder White 3767

PROFILE

EDGE DETAIL

USG Donn® Brand DXLA™

15/16”

USG Donn® Brand DXACE™

15/16”

Square Edge

Shadowline Tapered

Shadowline

USG Donn® Brand DXACE™

Square Edge w/ Gasket

Shadowline Beveled

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**USG DONN® BRAND DXLA™ / DXACE™
ACoustical Suspension System**

**USG DONN® BRAND DXLA™
15/16” TEE SYSTEM**

**Heavy Duty**

<table>
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<tbody>
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**Intermediate Duty**

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**Main Tee**

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**Cross Tee**

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**USG DONN® BRAND DXACE™
15/16” TEE SYSTEM**

**Heavy Duty**

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**Intermediate Duty**

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**WALL ANGLE**

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</table>

**Molding**

<table>
<thead>
<tr>
<th>Length</th>
<th>Item No.</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’</td>
<td>M7A</td>
<td>Flat White</td>
</tr>
</tbody>
</table>

**Hold-Down Clips**

<table>
<thead>
<tr>
<th>Color</th>
<th>Hold-Down Clips</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat White</td>
<td></td>
</tr>
</tbody>
</table>

**Clean Room Installation**

Install according to ASTM C636, ASTM E850, CSCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction. Must be installed in compliance with ASTM C636, ASTM E850, CSCA and standard industry practices, within all applicable code requirements.

<table>
<thead>
<tr>
<th>Low Emissions (VOC)</th>
<th>High Recycled Content</th>
<th>Firecode®</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.</td>
<td>USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.</td>
<td>The design elements and colors, and related marks are Trademarks of USG Corporation or its affiliates.</td>
</tr>
</tbody>
</table>

**Product Literature and samples**

Data sheet: AC5306
USG Donn® Brand DXLA™ sample: 215675

Online tools: usgdesignstudio.com or cgcdesignstudio.com

**Notice**

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AC5306/vv. 2-23 © 2023 USG Corporation and/or its affiliates. All rights reserved. Printed in USA.
FEATURES AND BENEFITS

- 15/16” stainless steel grid system with stainless steel cap.
- Resistant to direct and indirect contact with many corrosive agents.
- Stainless steel Quick-Release™ clips on cross tees.
- Nonmagnetic.
- Cross-tee override-ends resist twisting.
- Meets USDA/FSIS requirements.
- Cap material is protected with removable film, reducing post construction cleaning.

APPLICATIONS

- Food processing areas
- Industrial applications
- Laboratories

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
## USG DONN® BRAND DXSS™
### ACOUSTICAL SUSPENSION SYSTEM

**YEAR LIMITED SYSTEM WARRANTY**
- No Visible Sag
- Moist/Mildew Protection

**Notice**
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### Minimum Load Carrying Capabilities—Main Tee1

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>Color</th>
<th>Recycled Content</th>
<th>2’ Hanger Spacing</th>
<th>3’ Hanger Spacing</th>
<th>4’ Hanger Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light Duty</td>
<td>12’</td>
<td>1-1/2”</td>
<td>DXSS24</td>
<td>Class A</td>
<td>Stainless Steel</td>
<td>up to 50%</td>
<td>70 lb./LF</td>
<td>23 lb./LF</td>
<td>10 lb./LF</td>
</tr>
<tr>
<td>2’</td>
<td>1-1/2”</td>
<td>38 mm</td>
<td>DXSS224</td>
<td>Class A</td>
<td>Stainless Steel</td>
<td>up to 50%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4’</td>
<td>1-1/2”</td>
<td>38 mm</td>
<td>DXSS424</td>
<td>Class A</td>
<td>Stainless Steel</td>
<td>up to 50%</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Product literature and samples**
- Data sheet: AC3068
- Sample: 215671

**Material**
Double-web Type 304 chromium-nickel austenitic alloy stainless steel body, cap and clip. This cap material is protected by PVC, which should be removed after installation.

**Online tools**
- usgdesignstudio.com or cgcdesignstudio.com

**Installation**
Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

**ASTM Load Compliance**
Classified as Light, Intermediate or Heavy Duty when tested in accordance with ASTM C635.

**Notes**
1. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.

**15/16” TEE SYSTEM**
- Main Tee 1-1/2”
- Cross Tee 1-1/2”

**MOLDING**
- Wall Angle

**PHYSICAL DATA/FOOTNOTES**
- ASTM Class
- Length
- Height
- Item No.
- Fire Rating
- Color
- Recycled Content
- 2’ Hanger Spacing
- 3’ Hanger Spacing
- 4’ Hanger Spacing

**Safety First!** Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG DONN® BRAND ZXLA™
ACOUSTICAL SUSPENSION SYSTEM

FEATURES AND BENEFITS
• G90 hot-dipped galvanized steel body with aluminum cap, conforms to ASTM C635.
• Polyester paint finish and stainless steel clip for increased corrosion protection.
• Complies with all national code requirements, including seismic and fire-rated assemblies up to two hours.
• Proprietary Quick-Release™ cross tees.
• Tested for exterior wind-uplift applications.

APPLICATIONS
• Exterior soffits
• Food processing
• Healthcare
• Industrial applications
• Laboratories
• Parking garages
• Locker rooms

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS
- Flat White 050
- Silver Satin 002
- Flat Black 205

ADVANTAGE COLOR
- Coordinating Matte White 3756

POWDER-COATED FINISH
- Powder White 3767

PROFILE
- Square Edge

EDGE DETAIL
- Shadowline Tapered
- Shadowline Beveled
## USG DONN® BRAND ZXLA™
### ACOUSTICAL SUSPENSION SYSTEM

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Manufactured by
USG Donn, LLC
550 West Adams Street
Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

---

### Year Limited System Warranty
- **No Visible Sag**
- **Mold/Mildew Protection**

### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### Year Limited System Warranty

**Declaré®** Labels on select finishes; see usg.com for more details and documentation.

### Seismic Design Category and Rated Load

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>Color</th>
<th>ICC-ES Evaluated Installation</th>
<th>4' Hanger Spacing</th>
<th>5' Hanger Spacing</th>
<th>6' Hanger Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Intermediate Duty¹</strong></td>
<td>12'</td>
<td>USG 1.64&quot;, 42 mm</td>
<td>ZXLA24</td>
<td>A–C</td>
<td>Flat White</td>
<td>7/8&quot; Molding ACM7 Clip</td>
<td>12 lb./LF</td>
<td>6.1 lb./LF</td>
<td>3.6 lb./LF</td>
</tr>
<tr>
<td><strong>USG 1.64&quot;, 42 mm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Flat Black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CGC 1.5&quot;, 25 mm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Satin Silver</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Heavy Duty</strong></td>
<td>12'</td>
<td>USG 1.64&quot;, 42 mm</td>
<td>ZXLA26</td>
<td>A–F</td>
<td>Flat White</td>
<td>7/8&quot; Molding ACM7 Clip</td>
<td>16 lb./LF</td>
<td>7.3 lb./LF</td>
<td>4.9 lb./LF</td>
</tr>
<tr>
<td><strong>USG 1.64&quot;, 42 mm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Flat Black</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CGC 1.5&quot;, 25 mm</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Satin Silver</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Cross Tee 1-1/2&quot; (38 mm)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flat White</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Flat Black</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Satin Silver</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

### High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### Firecode®

### ASTM Load Compliance
Classified as Light, Intermediate or Heavy Duty when tested in accordance with ASTM C635.

### Notes
1. Hanger wire spacing and locations must be per the UL design.
2. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
3. Panels must be specified to be field-cut to size and field-reveled to provide as wide a lay-on edge as possible.
4. Metric sizes available by RTQ.

---

**Product Literature and Samples**
Data sheet: AC3029
Exterior systems guide: SC2561

**Material**
G90 hot-dipped galvanized steel tee and aluminum cap; stainless steel clip. Baked on polyester paint or powder coated finish.

**Installation**
Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

**Online tools**
usgdesignstudio.com or cgcdesignstudio.com

**ICC Evaluation Service, LLC Report Compliance**
For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-022 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

**Limitations**
Finish is not UV-resistant; should not be installed where direct exposure to sun or weather will occur, such as fascias or facades. Not suitable for areas subject to high concentrations of acid rain. Indirect exposure to severe environmental conditions may shorten the life span of the product. The specific design of exterior ceiling installations requires the review and approval of the architect or engineer of record. Please refer to SC2561 for more information about exterior ceiling applications.
USG DONN® BRAND FINELINE® DXFEV™
ACOUSTICAL SUSPENSION SYSTEM

FEATURES AND BENEFITS
- Specially engineered suspension system to receive USG Celebration™ Metal Panels for a sleek, contemporary look.
- Wind load tested in accordance to: UL 580, UL 1897, and Miami Dade TAS 202 and 203. Refer to Exterior Application Guide SC2561.
- Narrow-profile, slotted grid system with G90 galvanization.
- Stainless steel Quick-Release™ clips on cross tees.
- Black reveal in the slot to create a clean and sharp aesthetic.
- ICC-ES evaluated for seismic installations (ESR-1222).
- Accepts USG Celebration™ Metal Panel Ceiling System.

APPLICATIONS
- Exterior soffits/canopies
- Parking garages
- Covered entrances
USG DONN® BRAND FINELINE® DXFEV®
ACOUSTICAL SUSPENSION SYSTEM

Declaré® Labels on select finishes, see usg.com for more details and documentation.

<table>
<thead>
<tr>
<th>ASTM Class</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Description</th>
<th>Fire Rating</th>
<th>Color</th>
<th>4' Hanger Spacing</th>
<th>5' Hanger Spacing</th>
<th>6' Hanger Spacing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intermediate Duty</td>
<td>12'</td>
<td>1-25/32&quot;</td>
<td>DXFEV2924</td>
<td>Narrow-profile, slotted grid system with G90 galvanization notched 24° o.c. cross tee hole 12&quot; o.c.</td>
<td>Class A</td>
<td>Flat White, Black Reveal</td>
<td>12 lb./LF</td>
<td>6.6 lb./LF</td>
<td>3.6 lb./LF</td>
</tr>
<tr>
<td>Heavy Duty</td>
<td>12'</td>
<td>1-25/32&quot;</td>
<td>DXFEV2924</td>
<td>Narrow-profile, slotted grid system with G90 galvanization notched 24° o.c. cross tee hole 12&quot; o.c.</td>
<td>Class A</td>
<td>Flat White, Black Reveal</td>
<td>16 lb./LF</td>
<td>8.3 lb./LF</td>
<td>4.9 lb./LF</td>
</tr>
<tr>
<td>Intermediate Duty</td>
<td>12'</td>
<td>1-25/32&quot;</td>
<td>DXFEV2912</td>
<td>Narrow-profile, slotted grid system with G90 galvanization notched 12&quot; o.c. cross tee hole 12&quot; o.c.</td>
<td>Class A</td>
<td>Flat White, Black Reveal</td>
<td>12 lb./LF</td>
<td>6.6 lb./LF</td>
<td>3.6 lb./LF</td>
</tr>
<tr>
<td>Heavy Duty</td>
<td>12'</td>
<td>1-25/32&quot;</td>
<td>DXFEV2912</td>
<td>Narrow-profile, slotted grid system with G90 galvanization notched 12&quot; o.c. cross tee hole 12&quot; o.c.</td>
<td>Class A</td>
<td>Flat White, Black Reveal</td>
<td>16 lb./LF</td>
<td>8.3 lb./LF</td>
<td>4.9 lb./LF</td>
</tr>
<tr>
<td>—</td>
<td>2'</td>
<td>1-25/32&quot;</td>
<td>DXFEV229</td>
<td>Narrow-profile, slotted grid system with G90 galvanization</td>
<td>Class A</td>
<td>Flat White, Black Reveal</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>4'</td>
<td>1-25/32&quot;</td>
<td>DXFEV429N</td>
<td>Narrow-profile, slotted grid system with G90 galvanization notched at midpoint both sides</td>
<td>Class A</td>
<td>Flat White, Black Reveal</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>6'</td>
<td>1-25/32&quot;</td>
<td>DXFEV629</td>
<td>Narrow-profile, slotted grid system with G90 galvanization</td>
<td>Class A</td>
<td>Flat White, Black Reveal</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>—</td>
<td>8'</td>
<td>1-25/32&quot;</td>
<td>DXFEV829</td>
<td>Narrow-profile, slotted grid system with G90 galvanization</td>
<td>Class A</td>
<td>Flat White, Black Reveal</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Reveal Spacer</td>
<td>100' roll</td>
<td>1/4&quot;</td>
<td>CA1</td>
<td>Arrowhead reveal spacer (100' roll)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

Low Emissions (VOC)
CDPH O1350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

Firecode®
ICC Evaluation Service, LLC Report Compliance
For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

Notes
1. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM C635 and ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

For more information, contact usg.com or samplit@usg.com
USG DONN® BRAND ADVANCESPAN™
USG DONN® BRAND DXAS™ AND DXTAS™ PROFILES

FEATURES AND BENEFITS

- Spans up to 8’ with no hanger wires.
- Ideal for healthcare, hospitality and multifamily applications with crowded plenum spaces.
- Approved by OSHPD/HCAi for seismic applications.
- USG Donn® Brand DX®-15/16” and USG Donn® Brand Centricitee™ DXT™-9/16” face profiles available.
- Reversible structural wall channel works with both USG DX® and DXT™ profiles.
- Compatible with all standard USG DX® and DXT™ cross tees.
- Available with End Splice detail to speed up installation.
- USG Donn® Brand AdvanceSpan™ Suspension System is part of the Ecoblueprint™ portfolio — meeting today’s sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Schools
- Hospitals
- Multifamily dwellings
- Hotels
- General interior use applications

STANDARD COLOR

- Flat White

PROFILE

USG DONN® BRAND DXAS™ EDGE PROFILES

- Square Edge
- Shadowline Tapered
- Shadowline

USG DONN® BRAND DXTAS™ EDGE PROFILES

- Square Edge
- Fineline
- Fineline Beveled

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
USG DONN® BRAND ADVANCESPAN™
USG DONN® BRAND DXAS™ AND DXTAS™ PROFILES

Max Unsupported Span at Rated Load

<table>
<thead>
<tr>
<th>Item No</th>
<th>Fire Rating</th>
<th>Intermediate Duty (12 lb./LF)</th>
<th>Heavy Duty (16 lb./LF)</th>
<th>Recycled Content</th>
<th>Face Profile</th>
<th>Height</th>
<th>Standard Lengths</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>DXAS</td>
<td>Class A</td>
<td>8'–0”</td>
<td>7'–0”</td>
<td>15/16”</td>
<td>10/6”</td>
<td>2-3/4”</td>
<td>8’–6” 10’–6” 12’–6”</td>
<td>Flat White 050</td>
</tr>
<tr>
<td>DXTAS</td>
<td>Class A</td>
<td>8’–0”</td>
<td>7’–0”</td>
<td>9/16”</td>
<td>10/6”</td>
<td>2-3/4”</td>
<td>8’–6” 10’–6” 12’–6”</td>
<td>Flat White 050</td>
</tr>
<tr>
<td>DXTAS-ES</td>
<td>Class A</td>
<td>8’–0”</td>
<td>7’–0”</td>
<td>9/16”</td>
<td>10/6”</td>
<td>2-3/4”</td>
<td>10’–0” 12’–0”</td>
<td>Flat White 050</td>
</tr>
<tr>
<td>DXAS-ES</td>
<td>Class A</td>
<td>8’–0”</td>
<td>7’–0”</td>
<td>15/16”</td>
<td>10/6”</td>
<td>2-3/4”</td>
<td>10’–0” 12’–0”</td>
<td>Flat White 050</td>
</tr>
<tr>
<td>US44</td>
<td>Class A</td>
<td>–</td>
<td>–</td>
<td>Reversible for 15/16” or 9/16”</td>
<td>2-7/8”</td>
<td>10”</td>
<td>Flat White 050</td>
<td></td>
</tr>
</tbody>
</table>

*Tested in accordance with ASTM C635 modified.

Low Emissions (VOC)

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

ACCESSORIES

ASMTSP Splice Plate
US44CC Channel Clip
ASCBC Cross Brace Clip

USG DONN® BRAND ADVANCESPAN™
MAIN TEE DETAILS

PHYSICAL DATA/FOOTNOTES

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

Seismic Compliance
AdvanceSpan® is DSHPD/HCA pre-approved per OPM-0462.

ICC Evaluation Service, LLC Report Compliance
For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-5136 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

Order Samples/Literature
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CGC: contact Sales Representative

Technical Services
800 USG.4YOU (874-4968)

For most up-to-date technical information and LEED Report Tool usgdesignstudio.com cgcdesignstudio.com

Declare® Labels on select finishes, see usg.com for more details and documentation.
USG DRYWALL SUSPENSION SYSTEM
FLAT CEILINGS

FEATURES AND BENEFITS
• Installs faster than traditional framing methods.
• More than 60 UL fire-resistive designs.
• Assemblies available to meet STC and IIC requirements.
• Easily frames openings for Type F and Type G light fixtures.
• Evaluated for building code compliance according to ICC ESR-4358.
• G90 galvanization available for a variety of environmental conditions including exterior ceiling systems.
• Wind load tested and approved, including Miami-Dade NOA, for exterior applications with proper bracing and framing.

APPLICATIONS
• Exterior ceilings
• Fire-rated and non-fire-rated interior gypsum board ceilings

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
# USG DRYWALL SUSPENSION SYSTEM

## FLAT CEILINGS

### SYSTEM COMPONENTS

#### Straight Main Tees

<table>
<thead>
<tr>
<th>Material</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>IBC Seismic Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGLW</td>
<td>Heavy Duty</td>
<td>12&quot;</td>
<td>1.617&quot;</td>
<td>DGLW26</td>
<td>129</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>DGLW26E(G90)</td>
<td>86</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>A-F</td>
<td>57</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>L/240</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>L/360</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>L/240</td>
<td>16</td>
</tr>
</tbody>
</table>

#### Cross Tees

<table>
<thead>
<tr>
<th>Material</th>
<th>Length</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>IBC Seismic Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGLW</td>
<td>24&quot;</td>
<td>DGLW224</td>
<td>129</td>
<td>A-F</td>
</tr>
<tr>
<td></td>
<td>36&quot;</td>
<td>DGLW224E</td>
<td>86</td>
<td>93.1</td>
</tr>
<tr>
<td></td>
<td>48&quot;</td>
<td>DGLW242</td>
<td>57</td>
<td>15.9</td>
</tr>
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#### Spanning Tees

<table>
<thead>
<tr>
<th>Material</th>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>IBC Seismic Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGW</td>
<td>5'</td>
<td>1.617&quot;</td>
<td>DGW-6026DM</td>
<td>A-F</td>
<td>60°</td>
</tr>
<tr>
<td></td>
<td>6'</td>
<td></td>
<td>DGW-7226DM</td>
<td></td>
<td>72°</td>
</tr>
<tr>
<td></td>
<td>7'</td>
<td></td>
<td>DGW-8426DM</td>
<td></td>
<td>84°</td>
</tr>
<tr>
<td></td>
<td>8'</td>
<td></td>
<td>DGW-9626DM</td>
<td></td>
<td>96°</td>
</tr>
</tbody>
</table>

#### Moldings

<table>
<thead>
<tr>
<th>Material</th>
<th>Length</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>IBC Seismic Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGCM27E</td>
<td>12&quot;</td>
<td></td>
<td>A-F</td>
<td></td>
</tr>
</tbody>
</table>

#### Accessories

<table>
<thead>
<tr>
<th>Material</th>
<th>Length</th>
<th>Item No.</th>
<th>Fire Rating</th>
<th>IBC Seismic Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGSC180 Splice Clip*</td>
<td>DGC4, DGC6, DGC8</td>
<td>DGTC90 Transition Clip</td>
<td>USG Compässo™ Drywall Clip</td>
<td></td>
</tr>
</tbody>
</table>

### PHYSICAL DATA/FOOTNOTES

1. *See AC3152 for alternative splice details.

### Firecode

#### Product literature and samples

Drywall suspension systems guide: AC3152
Data sheet: AC3157
Data sheet wall-to-wall: AC3230
Sample: 257222
Direct mount install guide: AC5420

**Material**

Min. G40 hot-dipped galvanized steel.
G90 hot-dipped galvanized steel available for select items.

**Online tools**

usgdesignstudio.com or cgcdesignstudio.com

### Installation

Install according to ASTM C636, ASTM E580, ASTM C754, CISCA and USG requirements.
Alternate installation methods may be approved by the authority having jurisdiction.

### Limitations

For exterior applications, the suspension system should be reviewed by a structural engineer.
Refer to SC2561 for more information about exterior ceiling applications.

### ICC Evaluation Services, LLC. Report Compliance

For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-4358 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

**Notes**

1. Manufactured and tested in accordance with ASTM C635, ASTM A653, and ASTM C645.
2. Spacing tees for Direct Mount System mfg. with cross tee connection clip at one end and flush-end at other. See Direct Mount System Installation Guide AC5420.
3. Products with ‘E’ in name are made of G90 HDG steel.
USG DRYWALL SUSPENSION SYSTEM
STUCCO/PLASTER/EIFS SYSTEM

FEATURES AND BENEFITS
• Installs faster than traditional framing methods.
• 12-gauge wire is easier to work with than 9-gauge wire required with traditional framing systems.
• Evaluated for building code compliance according to ICC ESR-4358.
• G40 available for most environments, G90 for more severe conditions.
• Wind load tested and approved, including Miami-Dade NOA, for exterior applications with proper bracing and framing.

APPLICATIONS
• Interior and Exterior Stucco/Plaster/EIFS ceilings

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
## USG DRYWALL SUSPENSION SYSTEM

### STUCCO/PLASTER/EIFS SYSTEM

**SYSTEM COMPONENTS**
- **Straight Main Tees**
- **Cross Tees**
- **Moldings**

### INSTALLATION DETAILS

**Interior Metal Lath and Stucco System**

**Exterior Wind Load Metal Lath and Stucco System**

---

## PHYSICAL DATA/FOOTNOTES

- **Notice**
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## INSTALLATION DETAILS

**Interior Metal Lath and Stucco System**

**Exterior Wind Load Metal Lath and Stucco System**

---

## FIRECODE®

Product literature and samples
- Drywall suspension systems
guide: AC307560
- STUCCO/PLASTER/EIFS SYSTEM System
  Guide: AC292945

Material
- Min. G40 hot-dipped galvanized steel.
- G90 hot-dipped galvanized steel available for select items.

Online tools
- usgdesignstudio.com or cgcdesignstudio.com

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- usgdesignstudio.com
- cgcdesignstudio.com

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---

## RATINGS

**Rated Load**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Hanger Spacing</th>
<th>L/240</th>
<th>L/360</th>
<th>L/240</th>
<th>L/360</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGLW</td>
<td>A-F</td>
<td>129</td>
<td>86</td>
<td>57</td>
<td>38</td>
</tr>
<tr>
<td>DGLW</td>
<td>A-F</td>
<td>129</td>
<td>86</td>
<td>57</td>
<td>38</td>
</tr>
<tr>
<td>DGWSP</td>
<td>A-F</td>
<td>129</td>
<td>86</td>
<td>57</td>
<td>38</td>
</tr>
<tr>
<td>DGWSP</td>
<td>A-F</td>
<td>129</td>
<td>86</td>
<td>57</td>
<td>38</td>
</tr>
</tbody>
</table>

---

## SAFETY FIRST!

Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
USG DRYWALL SUSPENSION SYSTEM
CURVED CEILINGS

FEATURES AND BENEFITS
• USG Curved Drywall Suspension System simplifies the design and construction of curved drywall ceilings.
• Project specific Main Tees produced for efficient installation and less material waste.
• Pre-engineered, factory curved main tees for consistent, uniform radii.
• G30 hot-dipped galvanized system suitable for most interior and exterior applications.
• ICC-ES Report ESR-4358.

APPLICATIONS
• Domes, vaults and valleys
• Groin vaults
• Curved soffits

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

PROFILE

USG Curved Drywall Suspension System/USG Sheetrock® Brand Gypsum Panels
USG DRYWALL SUSPENSION SYSTEM
CURVED CEILINGS

YEAR LIMITED SYSTEM WARRANTY
• No Visible Sag
• Mold/Mildew Protection

Notice
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Rated Load
2' Hanger Spacing
4' Hanger Spacing

<table>
<thead>
<tr>
<th>SYSTEM COMPONENTS</th>
<th>Vault</th>
<th>Valley</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radius</td>
<td>Height</td>
<td>Item No.</td>
</tr>
<tr>
<td>6'</td>
<td>1-1/2&quot;</td>
<td>DGW6VTxxx</td>
</tr>
<tr>
<td>8'</td>
<td>1-1/2&quot;</td>
<td>DGW8VTxxx</td>
</tr>
<tr>
<td>10'</td>
<td>1-1/2&quot;</td>
<td>DGW10VTxxx</td>
</tr>
<tr>
<td>12'</td>
<td>1-1/2&quot;</td>
<td>DGW12VTxxx</td>
</tr>
</tbody>
</table>

See Flat Ceilings (AC3117) for information on straight cross tees, cross channels and moldings.

ACCESSORIES
Cross Tees
DGSC180 Splice Clip
DGTC80 Transition Clip
DG4, DG6, DG8 USG Compässo™ Drywall Clip
DGWC Wall Attachment Clip
DGSP180 Splice Plate
DGHUB Dome Hub

TYPICAL ASSEMBLIES
8-Spoke Dome
16-Spoke Dome
Dome Vault

DESIGN SUPPORT
usgdesignstudio.com or cgcdesignstudio.com
• Online design and specification tools.
• Installation videos.
• Domes and barrel-vault estimator. Additional support available through USG Ceiling Solutions Group for design and estimation of nontypical applications.

PHYSICAL DATA/FOOTNOTES
Product literature and samples
Data sheet: AC3118
System brochure: AC3152
Material
Min. G40 hot-dipped galvanized steel body and cap.

Online tools
usgdesignstudio.com or cgcdesignstudio.com
Online Dome, Vault, and Vaulted Dome Estimators to assist in material estimation and ordering.

Limitations
For exterior applications, the suspension system should be reviewed by a structural engineer.

Installation
Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Notice
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USG DRYWALL SUSPENSION SYSTEM
WALL-TO-WALL

FEATURES AND BENEFITS
- Eliminates hanger wires for spans up to 9'-0" with USG 5/8" Sheetrock® Brand EcoSmart Panels or standard 1/2" thick gypsum panels.
- Simplifies construction for corridors and small rooms.
- Pre-engineered components allow easy transition between ceiling types and elevations.
- Min. G40 hot-dipped galvanized system, G90 available.
- Standard and custom lengths available.
- Manufactured in accordance with ASTM C635.

APPLICATIONS
- Condominiums and apartments
- Healthcare
- Education
- Hotels
- Dormitories
- Office
- Corridors

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
USG DRYWALL SUSPENSION SYSTEM
WALL-TO-WALL

YEAR LIMITED SYSTEM WARRANTY
• No Visible Sag
• Mold/Mildew Protection

USG: usg.com or samplit@usg.com
CGC: contact Sales Representative
TECHNICAL SERVICES
800 USG 4YOU (874-4968)

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and LEED REPORT TOOL
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cgcdesignstudio.com

YEAR LIMITED SYSTEM
WARRANTY

• No Visible Sag
• Mold/Mildew Protection

USG DRYWALL SUSPENSION SYSTEM
WALL-TO-WALL

SYSTEM COMPONENTS

Straight Tee

Moldings

PROFILE

ISB109

ACCESSORIES

MEMBRANE LOADS

<table>
<thead>
<tr>
<th>Span</th>
<th>O.C. Spacing (in.)</th>
<th>Maximum Load (lb./SF)</th>
<th>Vertical Support</th>
</tr>
</thead>
<tbody>
<tr>
<td>4'</td>
<td>16</td>
<td>26.84</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>17.89</td>
<td></td>
</tr>
<tr>
<td>5'</td>
<td>16</td>
<td>14.08</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>9.38</td>
<td></td>
</tr>
<tr>
<td>6'</td>
<td>16</td>
<td>8.31</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>5.54</td>
<td></td>
</tr>
<tr>
<td>7'</td>
<td>16</td>
<td>5.32</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>3.55</td>
<td></td>
</tr>
<tr>
<td>7'-6&quot;</td>
<td>16</td>
<td>4.36</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>2.90</td>
<td></td>
</tr>
<tr>
<td>8'</td>
<td>16</td>
<td>3.61</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>2.41</td>
<td></td>
</tr>
<tr>
<td>8'-6&quot;</td>
<td>16</td>
<td>3.03</td>
<td></td>
</tr>
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<td>24</td>
<td>2.02</td>
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</tr>
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<td>9'</td>
<td>16</td>
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<tr>
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<td>24</td>
<td>1.71</td>
<td></td>
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<tr>
<td>10'</td>
<td>16</td>
<td>14.08*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>9.38*</td>
<td></td>
</tr>
<tr>
<td>12'</td>
<td>16</td>
<td>8.31*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>5.54*</td>
<td></td>
</tr>
<tr>
<td>16'</td>
<td>16</td>
<td>3.61*</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>2.41*</td>
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</tr>
</tbody>
</table>

Load Test Data¹

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Fire Rating</th>
<th>Simple Span L/240 Uniform Load (lb./LF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGW26s</td>
<td>Class A</td>
<td>35.79 18.77 11.07 7.09 5.81 4.82 4.04 3.43</td>
</tr>
</tbody>
</table>

Notes
*Vertical support at midspan
**Two vertical supports at 1/3 point.

* See AC3152 for additional main tee splice options.

DGSC180 Splice Clip* CMAC-1 Close Mount Attachment Clip

* Vertical support at midspan.
** Two vertical supports at 1/3 point.
USG DRYWALL SUSPENSION SYSTEM
WALL-TO-WALL

USG INDEXED SUPPORT BAR
ISB109

PROPERTIES

- Support spacing - 48" o.c. (hanger wires or other types such as steel studs or main tees).
- Main tee bulb notches spaced 8" o.c.
- Index notch to main tee pullout strength - 300 lb.
- Min. G40 hot-dipped galvanized steel.

TYPICAL INSTALLATION

Installation with Overlap

```
Use pliers to open tab on stabilizer bar, once in place close tab to lock in place.
```

Hanger Wire Elevation

```
Note
Main tees must be supported at both ends when hanger wires are used.
```

Vertical Support with Main Tees or Studs (Recommended)

- Bracing 48" o.c.
- Wall-to-wall tee 16" o.c. (typ.)

Vertical Support with Hanger Wires

- Hanger wire 48" o.c.
- Wall-to-wall tee 16" o.c. (typ.)
- Main tees must be supported at both ends when hanger wires are used.

PHYSICAL DATA/FOOTNOTES

- Support spacing - 48" o.c. (hanger wires or other types such as steel studs or main tees).
- Main tee bulb notches spaced 8" o.c.
- Index notch to main tee pullout strength - 300 lb.
- Min. G40 hot-dipped galvanized steel.

Product literature and samples
Data sheet: AC3230
System brochure: AC3152

Finishes
Galvanized.

Online tools
usgdesignstudio.com or cgcdesignstudio.com

Material
Min. G40 double-web tee, G40 hot-dipped galvanized steel.

Installation
Install according to ASTM C636, ASTM E580, ASTM C754, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Notes
1. Load test data shows uniform load in lb./LF based on simple span tests in accordance with ASTM deflection limit on L/240.
2. Spans greater than 14’ require main tee splice. Use DGSC180 splice clip or alternative splicing options described in system brochure AC3152.
   - Attachment to wall structure is required.
   - Members conform to performance standard C645.
   - ISB109 for use with USG Wall-to-Wall System only. Main tees must be supported on both ends.
   - ISB109 must not be used to cantilever main tees.
   - Refer to system brochure AC3152 for list of USG Sheetrock® Brand Panel weights (lb./SF)

ORDER SAMPLES/LITERATURE
USG: usg.com or samples@usg.com
CGC: contact Sales Representative

TECHNICAL SERVICES
800 USG 4YOU (874-4968)

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cgcdesignstudio.com

SAFETY FIRST! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

Manufactured by
USG Interiors, LLC
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Chicago, IL 60661

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USG DONN® BRAND M7 OVERLAPPING WALL ANGLE

FEATURES AND BENEFITS
• Proprietary overlap detail provides an “extra hand” for easier, more accurate installation.
• Ensures that trim faces are level.
• Eliminates an unsightly gap at butt joints.
• Installs faster than standard perimeter trim.

APPLICATIONS
• All interior general-use areas

STANDARD COLORS
- Flat White 050
- Parchment 103
- Manila 246
- Straw 143
- Sandstone 090
- Taupe 107
- Charcoal 534

- Flat Black 205
- Silver Satin 002
- Chrome 066

ADVANTAGE COLORS
- Breeze 2659
- Blue Grey 564
- Azure 2660
- Slate 568
- Sprite 567
- Tuscan 2661
- Sorbet 2658

- Squash 2661
- Safari 2662
- Redwood 566
- Sienna 565
- Hub 206
- Mist 053
- Nectar 546

POWDER-COATED FINISH
- Powder White 5767

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM
USG DONN® BRAND M7 OVERLAPPING WALL ANGLE

PERFORMANCE COMPARISON
USG Donn® Brand M7 Overlapping Wall Angle

<table>
<thead>
<tr>
<th>Wall Angle</th>
<th>Length</th>
<th>Item No.</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>M7</td>
<td>12'</td>
<td>M7</td>
<td>Flat White</td>
</tr>
<tr>
<td></td>
<td>3600 mm</td>
<td></td>
<td>Standard Advantage</td>
</tr>
</tbody>
</table>

Overlap detail sits on adjacent trim, providing extra support for quicker, easier installation. The overlap ensures that trim faces are level, and it eliminates the unsightly gap created by traditional butt joints.

Traditional Wall Angle

With no support between lengths of trim, traditional wall angle is more difficult to install. Butt-cut wall angle is also subject to misalignment of trim faces and gaps at joints.

Low Emissions (VOC)
CSPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

Product literature and samples
Data sheet: AC3270

Material
Hot-dipped galvanized steel body. Baked-on polyester paint.

Installation
Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Online tools
usgdesignstudio.com or cgcdesignstudio.com

ICC Evaluation Service, LLC Report Compliance
For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

Notes
1. For more information about moldings, see the Perimeter Interface selector.
2. Panels must be field-cut to size and field-revealed, where necessary, at the perimeter.
USG DONN® BRAND TRANSITION MOLDING
DRYWALL TO ACOUSTICAL CEILING TRANSITION MOLDING

FEATURES AND BENEFITS
• Roll-formed, hot-dipped galvanized steel trims for creating transitions between drywall and acoustical ceilings.
• One-piece acoustical wall molding with an integrated drywall taping flange.
• Eliminates the need to construct drywall fascias for wall molding attachment.
• Taping flange is knurled and perforated to accept joint compound.
• Factory painted to match USG Donn® Brand acoustical suspension systems.
• Compatible with all USG Donn® Brand and USG Drywall suspension systems.

APPLICATIONS
• Contemporary offices
• Entertainment
• Hospitality
• Healthcare
• Retail
• Education

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

USG DONN® BRAND TRANSITION MOLDING COLOR
Flat White
050

PROFILE
# USG Donn® Brand Transition Molding

## Drywall to Acoustical Ceiling Transition Molding

### Components

<table>
<thead>
<tr>
<th>Profile</th>
<th>Item Number</th>
<th>Exposed Leg</th>
<th>Reveal</th>
<th>Length</th>
<th>Pieces/Carton</th>
<th>LF/Carton</th>
</tr>
</thead>
<tbody>
<tr>
<td>USG Donn® Brand SL DXT™</td>
<td>CPOWA9120</td>
<td>9/16&quot;</td>
<td>3/8&quot;x 3/8&quot;</td>
<td>120&quot;</td>
<td>12</td>
<td>120</td>
</tr>
<tr>
<td></td>
<td>CPOWA15120</td>
<td>15/16&quot;</td>
<td>3/8&quot;x 3/8&quot;</td>
<td>120&quot;</td>
<td>12</td>
<td>120</td>
</tr>
</tbody>
</table>

### Installation Details

**Shadowline USG Donn® Brand Transition Molding, Drywall to Acoustical Assembly Elevation**

- **Setting-Type Joint Compound and Mesh Tape**
- **Pan Head Screw**
- **USG Donn® Brand SL Trim**
- **DGWM24 Wall Molding**
- **DG LW Main or Cross Tee**
- **USG Sheetrock® Brand Panel**
- **Drywall Screws as Needed**

**Low Emissions (VOC)**

CDPH 01350 v1.2-2017 compliance on select finishes, see usg.com for more details and documentation.

1. Embed mesh tape over flange with setting-type joint compound.
2. Apply second coat of setting-type or ready-mixed joint compound.
3. Apply third coat if needed.

**Note:**

For complete installation instructions, refer to installation guide AC3318.

### Recommended Finishing Instructions

1. Embed mesh tape over flange with setting-type joint compound.
2. Apply second coat of setting-type or ready-mixed joint compound.
3. Apply third coat if needed.

### Physical Data/Footnotes

- **Product Literature and Samples**
  - Data Sheet: AC3305
  - Installation Guide: AC3318
  - Sample: 259401

- **Online Tools**
  - usgdesignstudio.com
  - cgcdesignstudio.com

- **Material**
  - Hot-dipped galvanized steel.
  - Baked-on polyester paint.

**Note:**

For availability in Canada, please contact your local sales representative.

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**Notice:**

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**Manufactured by:**

USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

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**Safety First!** Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
# USG Suspension Systems Accessories—Moldings

## Angle Molding
Use for standard ceiling perimeters.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>M7</td>
<td>12'x7/8&quot;x7/8&quot; Wall Molding</td>
<td>LF</td>
</tr>
<tr>
<td>M7OL</td>
<td>12'x7/8&quot;x7/8&quot; Overlapping Wall Molding</td>
<td>480</td>
</tr>
<tr>
<td>M7A</td>
<td>12'x7/8&quot;x7/8&quot; Aluminum Wall Molding</td>
<td>480</td>
</tr>
<tr>
<td>M7-10</td>
<td>10'x7/8&quot;x7/8&quot; Wall Molding</td>
<td>400</td>
</tr>
<tr>
<td>M7SS</td>
<td>12'x7/8&quot;x7/8&quot; Stainless Steel Wall Molding</td>
<td>240</td>
</tr>
<tr>
<td>M7Z</td>
<td>12'x7/8&quot;x7/8&quot; Hot-Dipped Galvanized Steel Wall Molding</td>
<td>240</td>
</tr>
<tr>
<td>M7CE</td>
<td>12'x7/8&quot;x7/8&quot; Wall Molding w/gaskets</td>
<td>480</td>
</tr>
<tr>
<td>M9</td>
<td>12'x9/16&quot;x15/16&quot; Wall Molding</td>
<td>240</td>
</tr>
<tr>
<td>M9-10</td>
<td>10'x9/16&quot;x15/16&quot; Wall Molding</td>
<td>400</td>
</tr>
<tr>
<td>M12</td>
<td>10&quot;x1&quot;-1/2&quot; Wall Molding</td>
<td>250</td>
</tr>
<tr>
<td>M18</td>
<td>12'x7/8&quot;x1-1/8&quot; Wall Molding</td>
<td>240</td>
</tr>
<tr>
<td>MCTA2S</td>
<td>10&quot;x1&quot;x1&quot; Steel Molding w/Aluminum Cap</td>
<td>250</td>
</tr>
<tr>
<td>M20SM</td>
<td>10&quot;x1&quot;x2&quot; Heavy Duty Wall Molding</td>
<td>250</td>
</tr>
<tr>
<td>M20SM-2</td>
<td>10&quot;x2&quot;x2&quot; Wall Molding</td>
<td>200</td>
</tr>
<tr>
<td>M20</td>
<td>10&quot;x1&quot;x2&quot; Wall Molding</td>
<td>250</td>
</tr>
</tbody>
</table>

## Shadow Molding
Length x A x B x C x D
(See illustration above)

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MS125</td>
<td>12'x15/16&quot;x1/4&quot;x1/4&quot;x1/4&quot; (Side 1)</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>12'x9/16&quot;x1/4&quot;x1/4&quot;x15/16&quot; (Side 2)</td>
<td>300</td>
</tr>
<tr>
<td>MS144</td>
<td>12'x3/4&quot;x3/8&quot;x1/2&quot;x1&quot; (Side 1)</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>12'x3/4&quot;x3/8&quot;x1/2&quot;x1&quot; (Side 2)</td>
<td>300</td>
</tr>
<tr>
<td>MS1541</td>
<td>12'x7/8&quot;x3/4&quot;x3/4&quot;x7/8&quot; (Side 1)</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>12'x3/4&quot;x3/4&quot;x3/4&quot;x3/4&quot; (Side 1)</td>
<td>300</td>
</tr>
<tr>
<td>MS164</td>
<td>12'x3/4&quot;x3/4&quot;x3/4&quot;x3/4&quot; (Side 2)</td>
<td>300</td>
</tr>
<tr>
<td>MS1741</td>
<td>12'x7/8&quot;x3/8&quot;x3/8&quot;x9/16&quot; (Side 1)</td>
<td>300</td>
</tr>
<tr>
<td></td>
<td>12'x9/16&quot;x3/8&quot;x3/8&quot;x7/8&quot; (Side 2)</td>
<td>300</td>
</tr>
<tr>
<td>MS224</td>
<td>10'x7/8&quot;x5/8&quot;x9/32&quot;x1-1/4&quot;</td>
<td>200</td>
</tr>
</tbody>
</table>

## US Channel Wall Molding

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>US8</td>
<td>10&quot;x1/2&quot;x1/2&quot;x1&quot; U-Molding</td>
<td>100</td>
</tr>
<tr>
<td>US12</td>
<td>10&quot;x3/4&quot;x1/2&quot;x1&quot; U-Molding</td>
<td>500</td>
</tr>
<tr>
<td>US20</td>
<td>10&quot;x1-1/4&quot;x1/2&quot;x1&quot; U-Molding</td>
<td>300</td>
</tr>
<tr>
<td>UA25-10</td>
<td>10&quot;x1-1/16&quot;x1/2&quot;x1&quot; Aluminum U-Molding</td>
<td>100</td>
</tr>
<tr>
<td>UA25-30</td>
<td>10&quot;x1-1/16&quot;x1/2&quot;x1&quot; Aluminum U-Molding</td>
<td>300</td>
</tr>
<tr>
<td>UA25CE</td>
<td>10&quot;x1-1/16&quot;x1/2&quot;x1&quot; Aluminum U-Wall Controlled Environment</td>
<td>300</td>
</tr>
<tr>
<td>US28</td>
<td>10&quot;x1-1/16&quot;x1/2&quot;x1&quot; U-Molding</td>
<td>300</td>
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<tr>
<td>US28CE</td>
<td>10&quot;x1-1/16&quot;x1/2&quot;x1&quot; U-Molding w/gaskets, Flat White</td>
<td>300</td>
</tr>
<tr>
<td>US31</td>
<td>10&quot;x1-1/16&quot;x1/2&quot;x1&quot; U-Molding</td>
<td>300</td>
</tr>
<tr>
<td>U2-3/32</td>
<td>12&quot;x2-3/32&quot;x7/8&quot;x1-1/8&quot; Aluminum U-Molding, Flat White</td>
<td>360</td>
</tr>
</tbody>
</table>

## F-Molding

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
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<tbody>
<tr>
<td>MF8</td>
<td>10&quot;x1/2&quot; F-Molding (for 1/2&quot; panels)</td>
<td>100</td>
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<tr>
<td>MF10</td>
<td>10&quot;x5/8&quot; F-Molding (for 5/8&quot; panels)</td>
<td>100</td>
</tr>
</tbody>
</table>

### Notes
1. M7 and M9 available in standard and advantage colors in half carton quantities only, 240 LF per carton.
2. Not all M20 moldings are available in all areas. Please contact your USG Sales Representative.
3. MS154 and MS174 available with exposed horizontal leg painted a color.
USG SUSPENSION SYSTEMS ACCESSORIES
MOLDINGS

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Pcs.</td>
</tr>
<tr>
<td><strong>OUTSIDE CORNERS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JS9</td>
<td>Square 90° Outside Corner Cap for 9/16” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JS12</td>
<td>Square 90° Outside Corner Cap for 3/4” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JS14</td>
<td>Square 90° Outside Corner Cap for 7/8” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JS16</td>
<td>Square 90° Outside Corner Cap for 1” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JS174</td>
<td>Square 90° Outside Corner Cap for MS174 Shadow Molding</td>
<td>50</td>
</tr>
<tr>
<td>JS274</td>
<td>Square 90° Outside Corner Cap for MS274 Shadow Molding</td>
<td>50</td>
</tr>
<tr>
<td>JH9</td>
<td>1” Radius 90° Outside Corner Cap for 9/16” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JH12</td>
<td>1” Radius 90° Outside Corner Cap for 3/4” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JH14</td>
<td>1” Radius 90° Outside Corner Cap for 7/8” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JH15</td>
<td>1” Radius 90° Outside Corner Cap for 15/16” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JH16</td>
<td>1” Radius 90° Outside Corner Cap for 1” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JB12</td>
<td>3/4” Radius 90° Outside Corner Cap for 3/4” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JB14</td>
<td>3/4” Radius 90° Outside Corner Cap for 7/8” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JB16</td>
<td>3/4” Radius 90° Outside Corner Cap for 1” Molding</td>
<td>100</td>
</tr>
<tr>
<td>JM16</td>
<td>Field-Modified Corner for 1” Molding</td>
<td>100</td>
</tr>
<tr>
<td><strong>INSIDE CORNERS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A2</td>
<td>Inside Corner Cap for 7/8” Molding</td>
<td>200</td>
</tr>
<tr>
<td>A174</td>
<td>Inside Corner Cap for MS174 Shadow Molding</td>
<td>50</td>
</tr>
<tr>
<td>A274</td>
<td>Inside Corner Cap for MS274 Shadow Molding</td>
<td>50</td>
</tr>
</tbody>
</table>
**USG SUSPENSION SYSTEMS**

**ACCESSORIES—GRID INSTALLATION**

- **Drywall Grid Hanger Clip** (A)
  - To suspend secondary ceiling.

- **Grid Load Transfer Bracket** (B)
  - To suspend secondary ceiling.

- **Furring Clip for Grid to Channel** (C)
  - Connect grid to 1-1/2" channel.

- **Seismic Attachment Clip for Perimeter Conditions** (D)
  - Attach tee ends at the perimeter in seismic design categories C, D, E and F.

- **Molding Attachment Clip** (E)
  - Attach tees to angle molding and shadow molding.

- **Ceiling Cloud Suspension Brace** (G)
  - For moving hanger wires away from ceiling cloud perimeters.

### Catalog Number Description Packaging/Ctn. Detail Key

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
<th>Detail Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGHC</td>
<td>Drywall Grid Hanger Clip</td>
<td>100</td>
<td>A</td>
</tr>
<tr>
<td>256860</td>
<td>Grid Load Transfer Bracket, 15/16&quot; grid</td>
<td>250</td>
<td>B</td>
</tr>
<tr>
<td>256861</td>
<td>Grid Load Transfer Bracket, 9/16&quot; grid</td>
<td>250</td>
<td>B</td>
</tr>
<tr>
<td>256862</td>
<td>Grid Load Transfer Bracket, 1-1/2&quot; grid</td>
<td>250</td>
<td>B</td>
</tr>
<tr>
<td>V-14</td>
<td>Furring Clip for Grid to Channel</td>
<td>500</td>
<td>C</td>
</tr>
<tr>
<td>ACM7</td>
<td>Seismic Perimeter Attachment Clip</td>
<td>100</td>
<td>D</td>
</tr>
<tr>
<td>ACM7 Small Pack</td>
<td>Seismic Perimeter Attachment Clip</td>
<td>30</td>
<td>D</td>
</tr>
<tr>
<td>ALACM7</td>
<td>Aluminum Seismic Perimeter Attachment Clip</td>
<td>100</td>
<td>D</td>
</tr>
<tr>
<td>MAC2</td>
<td>Molding Attachment Clip</td>
<td>100</td>
<td>E</td>
</tr>
<tr>
<td>TSB-24</td>
<td>Ceiling Cloud Suspension Brace, 23-1/2&quot; Bare Galvanized or Flat Black</td>
<td>10</td>
<td>G</td>
</tr>
</tbody>
</table>

**Notes**

1. Please refer to usg.com or cginc.com for more information about seismic applications with the ACM7 seismic clip.
### USG SUSPENSION SYSTEMS ACCESSORIES

#### GRID INSTALLATION

**MT/CT Converter**
- **Description**: Changes main-tee direction 90° from adjacent main tee.

**Two-Way Seismic Separation Joint Clip**
- **Description**: For seismic separation joints in IBC Seismic Design Categories D, E and F.

**Three-Way Off-Module Connector**
- **Description**: Use with cross tees and main tees that are the same height.

**Four-Way Seismic Separation Joint Clip**
- **Description**: For seismic separation joints in IBC Seismic Design Categories D, E and F.

**Paired Main Tee Clip**
- **Description**: Use for linear air diffusers; use only with USG Donn® Brand DX/DXL™, DXLA™, ZXLA™, Fineline™ DXF™ and Fineline™ 1/8 DXFF™.

**Light-Fixture Clip**
- **Description**: For USG Donn® Brand Centricitee™ DXT™/DXLT™ suspension system, use black clips with parabolic fixtures. Cross tee must be connected to main tee.

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
<th>Detail Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>DXMT/CT</td>
<td>9”x1-1/2” MT/CT Converter—changes MT direction for DX/DXL grid.</td>
<td>75</td>
<td>F</td>
</tr>
<tr>
<td>DH2</td>
<td>Two-Way Seismic Separation Joint Clip</td>
<td>100</td>
<td>G1</td>
</tr>
<tr>
<td>DH3</td>
<td>Three-Way Off-Module Connector</td>
<td>100</td>
<td>G2</td>
</tr>
<tr>
<td>DH4</td>
<td>Four-Way Seismic Separation Joint Clip</td>
<td>100</td>
<td>H</td>
</tr>
<tr>
<td>V-32</td>
<td>Paired Main Tee Clip (2” separation center-to-center)</td>
<td>100</td>
<td>I</td>
</tr>
<tr>
<td>LFC</td>
<td>Light-Fixture Hold-Down Clip—for 9/16” grid</td>
<td>100</td>
<td>J</td>
</tr>
</tbody>
</table>

**Notes**
1. Please refer to Submittal Sheet AC3301 for more information about the DH2 two-way seismic separation joint clip.
2. Please refer to Submittal Sheet AC3271 for more information about the DH4 four-way seismic separation joint clip.
### Compression Post Clips

**K**

Top clip and bottom end plug for 3/4" conduit. Conduit not included.

### Tee Face Sleeve

**L1**

To cut in tees to existing system and for separation joints.

**L2**

To cut in tees to existing system and for separation joints.

### Accessory Hanger Hook

**M**

Remove top clip for use with standard 1/4" USG Donn® Brand Fineline® Acoustical Suspension System.

### Universal Partition Attachment Clip

**N1**

Reversible for use with all USG Donn® Brand grid types.

### Unopposed Tee Attachment Clip

**N2**

Used to securely attach unopposed cross tees to main tees. Seismic compliant. Requires pop rivet.

### Catalog Number Description Packaging/Ctn. Detail Key

<table>
<thead>
<tr>
<th>Compression Post Clips K</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
<th>Detail Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPC34</td>
<td>25 Each Top Clip and Bottom Plug, Makes 25 Posts</td>
<td>50</td>
<td>2.0</td>
</tr>
<tr>
<td>TFS-1</td>
<td>Tee Face Sleeve (3&quot; long) for 15/16&quot; USG Donn® Brand DX®/DXL™ Acoustical Suspension System</td>
<td>100</td>
<td>10</td>
</tr>
<tr>
<td>TFS-2</td>
<td>Tee Face Sleeve (3&quot; long) for 9/16&quot; USG Donn® Brand Centricitee™ DXT™ Acoustical Suspension System</td>
<td>100</td>
<td>3</td>
</tr>
<tr>
<td>TFS-3</td>
<td>Tee Face Sleeve (3&quot; long) for USG Donn® Brand Fineline® DXF™ Acoustical Suspension System with 1/4&quot; Reveal</td>
<td>250</td>
<td>4</td>
</tr>
<tr>
<td>TFS-4</td>
<td>Tee Face Sleeve (3&quot; long) for USG Donn® Brand Fineline® 1/8 DXFF™ Acoustical Suspension System with 1/8&quot; Reveal</td>
<td>250</td>
<td>4</td>
</tr>
<tr>
<td>TFS-5</td>
<td>Tee Face Sleeve (3&quot; long) for USG Donn® Brand Identitee® DXI™ Acoustical Suspension System with 1/8&quot; Reveal</td>
<td>100</td>
<td>4</td>
</tr>
<tr>
<td>TFS-5 DXI FC</td>
<td>Tee Face Intersection sleeve (3&quot; long) for USG Donn® Brand Identitee® DXI™ Acoustical Suspension System with 1/8&quot; Reveal</td>
<td>250</td>
<td>4</td>
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<tr>
<td>AH1</td>
<td>Accessory Hanger Hook (white, injection molded)</td>
<td>50</td>
<td>1</td>
</tr>
<tr>
<td>UPAC-1</td>
<td>Universal Partition Attachment Clip for SQ and reveal edge panels</td>
<td>100</td>
<td>8</td>
</tr>
<tr>
<td>UTAC</td>
<td>Unopposed Tee Attachment Clip</td>
<td>100</td>
<td>5</td>
</tr>
</tbody>
</table>

**Notes**

1. The USG Donn® Brand Identitee® DXI™ Tee-Face Intersection Sleeve (TFS-5 DXI FC) is used for off-module intersections to maintain the clean, uninterrupted aesthetic of the grid profile.
2. Whenever possible the accessory hanger hook should be installed on a main tee. If an accessory hanger hook is installed on a main tee, the load should not exceed 10 lb. without installing a supplementary hanger wire support to the structure at the location of the hanger hook. If an accessory hanger hook is installed on a cross tee, the load should not exceed 4 lb. without installing a supplementary hanger wire support to the structure at the location of the hanger hook. The accessory hanger hook is not designed to support loads exceeding 30 lb.
## Panel Retention Clip 20428®

**N3**

Attaches to 1-1/2" main tees and cross tees behind lay-in ceilings. The retention clips help prevent panel displacement from incidental contact. Recommended with USG Rock Face® Acoustical Panels for impaction-resistant systems.

---

## Hold-Down Clip O1

To maintain a Clean Room seal.

---

## Variable Locking Hold-Down Clip O2

Use as a locking hold-down clip for various acoustical and metal panels.

---

## Accessible Hold-Down Clip P

Use as a hold-down clip for 5/8” panels. Provides ready accessibility.

---

## Variable Hold-Down Clip Q

For 5/8” to 3/4” panels.

---

## Wall Spring Clip R

To hold down perimeter ceiling panels. Useful for maintaining Clean Room seal with US28CE molding.

### Catalog Number Description

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
<th>Wt. (lb.)</th>
<th>Detail Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>20428</td>
<td>Panel Retention Clip 20428®&lt;sup&gt;®&lt;/sup&gt;</td>
<td>200</td>
<td>17</td>
<td>N3</td>
</tr>
<tr>
<td>L15</td>
<td>Hold Down Clip - for 5/8” rated panels</td>
<td>1000</td>
<td>7</td>
<td>O1</td>
</tr>
<tr>
<td>L15CE</td>
<td>Hold Down Clip - for 5/8” panels w/ Gaskets</td>
<td>500</td>
<td>3.5</td>
<td>O1</td>
</tr>
<tr>
<td>PZ</td>
<td>Variable Locking Hold-Down Clip</td>
<td>100</td>
<td>1</td>
<td>O2</td>
</tr>
<tr>
<td>L45</td>
<td>Accessible Hold-Down Clip for 5/8” panels</td>
<td>1000</td>
<td>15</td>
<td>P</td>
</tr>
<tr>
<td>V15</td>
<td>Variable Hold-Down Clip</td>
<td>1000</td>
<td>8</td>
<td>Q</td>
</tr>
<tr>
<td>C-8</td>
<td>Wall Spring Clip</td>
<td>2000</td>
<td>29</td>
<td>R</td>
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<tr>
<td>C-8CE</td>
<td>Wall Spring Clip - for panels w/ Gaskets</td>
<td>500</td>
<td>7.5</td>
<td>R</td>
</tr>
</tbody>
</table>

### Notes

1. For more information about the Keep Clip™ from American Retention Components, Inc., please visit [www.retentionclip.com](http://www.retentionclip.com).
**USG SUSPENSION SYSTEMS ACCESSORIES - FINELINE®**

<table>
<thead>
<tr>
<th>METER CLOSURE CLIPS</th>
<th>DESCRIPTION</th>
<th>PACKAGING/CTN.</th>
<th>DETAIL KEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCC3</td>
<td>2&quot; Miter Closure Clip for 1/8&quot; USG Donn® Brand Fineline® Acoustical Suspension System</td>
<td>50</td>
<td>1</td>
</tr>
<tr>
<td>MCC2</td>
<td>2&quot; Miter Closure Clip for standard USG Donn® Brand Fineline® Acoustical Suspension System</td>
<td>50</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HOLD-DOWN CLIPS</th>
<th>DESCRIPTION</th>
<th>PACKAGING/CTN.</th>
<th>DETAIL KEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>T15</td>
<td>10&quot;x1/32&quot;x1-9/16&quot;x3/4&quot; Panel Hold-Down Clip</td>
<td>500</td>
<td>30</td>
</tr>
<tr>
<td>U-2-3/32</td>
<td>10&quot;x1/32&quot;x2-3/32&quot;x3/4&quot; Panel Hold-Down Clip</td>
<td>500</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FINELINE® ACCESSORIES</th>
<th>DESCRIPTION</th>
<th>PACKAGING/CTN.</th>
<th>DETAIL KEY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAC1</td>
<td>3&quot; Partition Attachment Clip</td>
<td>50</td>
<td>1</td>
</tr>
<tr>
<td>TB1</td>
<td>1&quot;x1/4&quot;-20 T-Bolt</td>
<td>100</td>
<td>1</td>
</tr>
<tr>
<td>FC1</td>
<td>USG Donn® Brand Fineline® Acoustical Suspension System Cut-Off Die (scaffold mount)</td>
<td>1</td>
<td>10</td>
</tr>
</tbody>
</table>

**Notes**
1. The partition attachment clip shown above is manufactured by Revoe Manufacturing of Canada and can be purchased through USG.
# USG Suspension Systems
## Accessories—Stabilizer Bars

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
<th>Detail Key</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STANDARD STABILIZER BARS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CC15-20</td>
<td>Standard 20&quot; Stabilizer Bar</td>
<td>LF 83.3</td>
<td>Pcs. 50</td>
</tr>
<tr>
<td>CC15-30</td>
<td>Standard 30&quot; Stabilizer Bar</td>
<td>LF 125</td>
<td>Pcs. 50</td>
</tr>
<tr>
<td>CC15-4-2</td>
<td>Standard 4' Stabilizer Bar Notched 2' o.c.</td>
<td>LF 200</td>
<td>Pcs. 50</td>
</tr>
<tr>
<td><strong>LOCKING STABILIZER BARS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SB12</td>
<td>Locking 12&quot; Stabilizer Bar</td>
<td>LF 200</td>
<td>Pcs. 200</td>
</tr>
<tr>
<td>SB24</td>
<td>Locking 24&quot; Stabilizer Bar</td>
<td>LF 400</td>
<td>Pcs. 200</td>
</tr>
<tr>
<td>SB24-A</td>
<td>Locking 24&quot; Stabilizer Bar Elongated for Ashlar Connection</td>
<td>LF 400</td>
<td>Pcs. 200</td>
</tr>
<tr>
<td>SB36</td>
<td>Locking 36&quot; Stabilizer Bar</td>
<td>LF 300</td>
<td>Pcs. 100</td>
</tr>
<tr>
<td>SB48</td>
<td>Locking 48&quot; Stabilizer Bar</td>
<td>LF 400</td>
<td>Pcs. 100</td>
</tr>
<tr>
<td>SB48-24</td>
<td>Locking 24&quot; Stabilizer Bar 24&quot; Center-to-Center Notch</td>
<td>LF 400</td>
<td>Pcs. 100</td>
</tr>
<tr>
<td>SB60</td>
<td>Locking 60&quot; Stabilizer Bar</td>
<td>LF 500</td>
<td>Pcs. 100</td>
</tr>
<tr>
<td><strong>ACCESSIBLE STABILIZER BARS</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ASB24</td>
<td>Accessible 24&quot; Stabilizer</td>
<td>LF 50</td>
<td>Pcs. 25</td>
</tr>
<tr>
<td>ASB30</td>
<td>Accessible 30&quot; Stabilizer Bar</td>
<td>LF 62.5</td>
<td>Pcs. 25</td>
</tr>
<tr>
<td>ASB48</td>
<td>Accessible 48&quot; Stabilizer</td>
<td>LF 100</td>
<td>Pcs. 25</td>
</tr>
<tr>
<td>ASB600MM</td>
<td>Accessible 600 mm Stabilizer Bar</td>
<td>LF 15(m)</td>
<td>Pcs. 25</td>
</tr>
<tr>
<td>ASB900MM</td>
<td>Accessible 900 mm</td>
<td>LF 22.5(m)</td>
<td>Pcs. 25</td>
</tr>
<tr>
<td>ASB1200MM</td>
<td>Accessible 1200 mm</td>
<td>LF 30(m)</td>
<td>Pcs. 25</td>
</tr>
</tbody>
</table>

**Notes**
1. Please refer to Application Guide (IC592) for more information about USG stabilizer bars in plank and large panel applications.
### Universal Field Cross Tee Hole Tool
For all USG Donn® Brand Acoustical Suspension Systems.

### Handheld Cross Tee Hole Tool
For all USG Donn® Brand Acoustical Suspension Systems.

### SB2 Sloped Ceiling Bracket

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>215738</td>
<td>Universal Field Cross Tee Hole Tool</td>
<td>1 Pcs. 30 Wt. (lb.)</td>
</tr>
<tr>
<td>200308</td>
<td>Handheld Cross Tee Hole Tool</td>
<td>1 Pcs. 5 Wt. (lb.)</td>
</tr>
<tr>
<td>204755</td>
<td>Replacement Die Block for Universal Cross Tee Tool</td>
<td>1 Pcs. 1 Wt. (lb.)</td>
</tr>
<tr>
<td>276759</td>
<td>Replacement Die Block for Handheld Cross Tee Tool</td>
<td>1 Pcs. 1 Wt. (lb.)</td>
</tr>
<tr>
<td>214418</td>
<td>Replacement Punch for Universal Cross Tee Tool</td>
<td>1 Pcs. 1 Wt. (lb.)</td>
</tr>
<tr>
<td>276760</td>
<td>Replacement Punch for Handheld Cross Tee Tool</td>
<td>1 Pcs. 1 Wt. (lb.)</td>
</tr>
<tr>
<td>206262</td>
<td>Replacement Punch for Handheld Cross Tee Tool</td>
<td>1 Pcs. 1 Wt. (lb.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>B11</td>
<td>USG Donn® White Spray Paint (004)</td>
<td>6 Pcs. 7 Wt. (lb.)</td>
</tr>
<tr>
<td>B13</td>
<td>Flat White Spray Paint (050)</td>
<td>6 Pcs. 7 Wt. (lb.)</td>
</tr>
<tr>
<td>B14</td>
<td>Flat Black Spray Paint (205)</td>
<td>6 Pcs. 7 Wt. (lb.)</td>
</tr>
<tr>
<td>B15</td>
<td>Silver Satin Spray Paint (002)</td>
<td>6 Pcs. 7 Wt. (lb.)</td>
</tr>
<tr>
<td>PC15 GAL</td>
<td>Standard Gallon</td>
<td>1 Pcs. 12 Wt. (lb.)</td>
</tr>
<tr>
<td>PC16 QT</td>
<td>Standard Quart</td>
<td>1 Pcs. 3 Wt. (lb.)</td>
</tr>
<tr>
<td>PC19 GAL</td>
<td>Custom Gallon</td>
<td>1 Pcs. 12 Wt. (lb.)</td>
</tr>
<tr>
<td>PC20 QT</td>
<td>Custom Quart</td>
<td>1 Pcs. 3 Wt. (lb.)</td>
</tr>
<tr>
<td>LGXUNVYK</td>
<td>USG Logix™ Integrated System Universal Yoke 4, 6, 100 mm, 150 mm, HDG, 2-Part Yoke</td>
<td>10 Pcs. 4 Wt. (lb.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>UMB-4-6</td>
<td>4, 6, Utility Module Bracket (UMB)</td>
<td>8 Pcs. 1.9 Wt. (lb.)</td>
</tr>
<tr>
<td>UMB-100-150</td>
<td>100 mm, 150 mm, Utility Module Bracket (UMB)</td>
<td>8 Pcs. 1.9 Wt. (lb.)</td>
</tr>
<tr>
<td>SB2</td>
<td>SB2 Adjustable Wall Molding Bracket—used to secure standard wall molding at an angle to accommodate a sloped acoustical ceiling.</td>
<td>100 Pcs. 11 Wt. (lb.)</td>
</tr>
</tbody>
</table>

**Notes**
1. One carton contains six 12 oz. cans. Paints cannot be shipped air freight.
2. Specify color number from price list.
3. Punch tools are not covered under the USG Standard Product Warranty.
When a separation joint is required, USG offers several options that are practical, easy to install, and designed for minimal visibility. USG Donn® Brand separation joints represent the greatest range of options to satisfy the stringent requirements for separation joints.

### Tee Face (Main Tee or Cross Tee) Sleeve
Available for USG Donn® Brand DX/DXLT™, Identitee® DXI™, Centricitee™ DXT/DXLT™ and Fineline® DXF/DXFF™

<table>
<thead>
<tr>
<th>Tee Face (Main Tee or Cross Tee) Sleeve</th>
<th>Tee Face (Cross Tee) Sleeve</th>
<th>Expansion Joint—M12 Molding</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Expansion Joint—M20 Molding

<table>
<thead>
<tr>
<th>Expansion Joint—US28 Molding</th>
<th>Expansion Joint—Accordion Style</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Expansion Joint—M7 Molding

<table>
<thead>
<tr>
<th>Expansion Joint DH2</th>
<th>Slip Joint</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Tee Face (Cross Tee) Sleeve
- 10-ga. hanger wire
- Fasten channel molding to main tee and through CT clips
- US28 channel molding
- Lay in ceiling panel

#### Expansion Joint—M12 Molding
- 12-ga. hanger wire at 4'-0" o.c.
- Fasten channel molding to main tee and through CT clips
- Lay in channel molding

#### Expansion Joint—M20 Molding
- 12-ga. hanger wire min. within 8" of toe end
- Fasten channel molding to main tee and through CT clips

#### Expansion Joint—US28 Molding
- 12-ga. hanger wire min. within 8" of toe end
- Fasten channel molding to main tee and through CT clips

#### Expansion Joint—Accordion Style
- 12-ga. hanger wire min. within 8" of toe end
- Fasten channel molding to main tee and through CT clips

#### Expansion Joint—M7 Molding
- 12-ga. hanger wire min. within 8" of toe end
- Fasten channel molding to main tee and through CT clips

#### Expansion Joint DH2
- 12-ga. hanger wire min. within 8" of toe end
- Fasten channel molding to main tee and through CT clips

#### Slip Joint
- 12-ga. hanger wire min. within 8" of toe end
- Fasten channel molding to main tee and through CT clips
## USG Suspension Systems Accessories—Drywall Suspension

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
<th>Detail Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>DGSC-180</td>
<td>Drywall Suspension Splice Clip</td>
<td>50</td>
<td>A</td>
</tr>
<tr>
<td>DGTC-90</td>
<td>Drywall Suspension Transition Clip</td>
<td>50</td>
<td>B</td>
</tr>
<tr>
<td>DGSC, DGSC6, DGSC8</td>
<td>Compaâ® Drywall Clip</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DGWC</td>
<td>Drywall Suspension Wall Attachment Clip</td>
<td>50</td>
<td>D</td>
</tr>
<tr>
<td>DGSP-180</td>
<td>Drywall Suspension Splice Plate</td>
<td>50</td>
<td>E</td>
</tr>
<tr>
<td>DGSP-180</td>
<td>Drywall Suspension Splice Plate</td>
<td>100</td>
<td>F</td>
</tr>
<tr>
<td>DGLC-12</td>
<td>Drywall Grid Locking Channel</td>
<td>10</td>
<td>G</td>
</tr>
<tr>
<td>CMAC-1</td>
<td>Direct Mount - Close Mount Attachment Clip</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>CMAC-2</td>
<td>Direct Mount - Drywall Grid Locking Channel</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>DGC4</td>
<td>Drywall Suspension Clip for 4&quot; Compaâ®</td>
<td>50</td>
<td>H</td>
</tr>
<tr>
<td>DGC6</td>
<td>Drywall Suspension Clip for 6&quot; Compaâ®</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>DGC8</td>
<td>Drywall Suspension Clip for 8&quot; Compaâ®</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>DGWM-24</td>
<td>12&quot; x 1-1/2&quot; x 1&quot; Knurled Angle Mold</td>
<td>20</td>
<td>I</td>
</tr>
<tr>
<td>DGCM-27E</td>
<td>Drywall U Channel Mold - G90</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>CPDWA9120</td>
<td>10' Drywall to Acoustic Transition Trim, Shadowline 9/16&quot; Flat White 050</td>
<td>12</td>
<td>J</td>
</tr>
<tr>
<td>CPDWA15120</td>
<td>10' Drywall to Acoustic Transition Trim, Shadowline 15/16&quot; Flat White 050</td>
<td>12</td>
<td>K</td>
</tr>
<tr>
<td>ISB109</td>
<td>USG Donn Indexed Support Bar, G30, 109 1/2&quot;</td>
<td>16</td>
<td>L</td>
</tr>
</tbody>
</table>

**Notes:**
1. Consult the USG Drywall Suspension System Guide (AC3152) for additional details.
USG SUSPENSION SYSTEMS
ACCESSORIES—ADVANCESPAN™

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Pcs.</td>
<td>Wt. (lb.)</td>
</tr>
<tr>
<td>US44</td>
<td>10’ x 2-1/8” x 1” x 1/2” AdvanceSpan™ Channel Molding</td>
<td>20 (200 LF)</td>
</tr>
<tr>
<td>US44CC</td>
<td>US44 AdvanceSpan™ Channel Molding Clip</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>US44 AdvanceSpan™ Channel Molding Clip, Small Pack</td>
<td>30</td>
</tr>
<tr>
<td>ASMTSP</td>
<td>AdvanceSpan™ Main Tee Splice Plate</td>
<td>25</td>
</tr>
<tr>
<td>ASCBC</td>
<td>AdvanceSpan™ Main Tee Cross Brace Clip</td>
<td>25</td>
</tr>
</tbody>
</table>
## ACCESSORIES—DX® CONCEALED

Access Spline use with BPC234

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPA424</td>
<td>4’ x 1-1/2” Access Spline use with BPC234</td>
<td>75 (300 LF)</td>
</tr>
<tr>
<td>BPC116</td>
<td>1” x 11” Closing Spline</td>
<td>400 (366 LF)</td>
</tr>
<tr>
<td>BPC234</td>
<td>23” x 1-1/2” Closing Spline</td>
<td>400 (767 LF)</td>
</tr>
<tr>
<td>DE416</td>
<td>4’ x 1” Tee Spline</td>
<td>60 (240 LF)</td>
</tr>
<tr>
<td>DEN416</td>
<td>4’ x 1” Notched Tee Spline use with BPC116</td>
<td>60 (240 LF)</td>
</tr>
<tr>
<td>DT416</td>
<td>4’ x 1” Tee Spline</td>
<td>60 (240 LF)</td>
</tr>
<tr>
<td>E10</td>
<td>11” Flat Spline</td>
<td>500</td>
</tr>
</tbody>
</table>

Closing Spline

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPC116</td>
<td>1” x 11” Closing Spline</td>
</tr>
<tr>
<td>BPC234</td>
<td>23” x 1-1/2” Closing Spline</td>
</tr>
</tbody>
</table>

Tee Spline

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>Packaging/Ctn.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DE416</td>
<td>4’ x 1” Tee Spline</td>
<td>60 (240 LF)</td>
</tr>
<tr>
<td>DT416</td>
<td>4’ x 1” Tee Spline</td>
<td>60 (240 LF)</td>
</tr>
<tr>
<td>E10</td>
<td>11” Flat Spline</td>
<td>500</td>
</tr>
</tbody>
</table>

Flat Spline

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E10</td>
<td>11” Flat Spline</td>
</tr>
</tbody>
</table>

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Chicago, IL 60661

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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.
THE WAY SOUND TRAVELS THROUGH SPACES

Sound moves in a wave motion as an elastic medium produced by a vibrating object. These vibrations move the particles of the medium (such as air) adjacent to it, back and forth, creating an alternate compression and rarefaction of the medium. These disturbances move away from the source in a wave motion, much as a ripple moves along the surface of water when a stone is dropped in. The more elastic a substance, the better it can conduct sound. For example, steel is highly elastic, making it an excellent conductor of sound.

Moreover, sound not only travels in a straight path from its source, but also bounces off partitions, bends around barriers and squeezes through small openings, all of which can allow noise to reach surprisingly far beyond its point of origin.

HOW SOUND CAN BE CONTROLLED WITHIN SPACES

The basic mechanisms involved in noise control for buildings are sound absorption and sound transmission.

SOUND ABSORPTION: Necessary to reduce the reverberation, or echo, in a space to help improve clarity of speech and reduce excessive noise within a room. Acoustically absorbent material absorbs the majority of the incident sound waves and reverberations.

SOUND TRANSMISSION: Either airborne or structural, sound transmission must be reduced to prevent sound from traveling between two spaces. Airborne sound transmission is when sound travels through the air, such as partitions and openings. Impact sound transmission originates by contact with a structure and then travels through the structure.
BALANCED ACOUSTICS = NRC + CAC

EVALUATING CEILINGS: NRC, CAC & AC

<table>
<thead>
<tr>
<th>Noise Reduction Coefficient (NRC)</th>
<th>Ceiling Attenuation Class (CAC)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NRC:</strong> A measure of sound absorption.</td>
<td><strong>CAC:</strong> Applies to the sound attenuation of acoustical ceilings with a shared plenum between horizontally adjacent spaces.</td>
</tr>
<tr>
<td>A 0.70 means the material absorbs 70% of sound waves. This is an important consideration for controlling acoustics within a confined area. Tests are conducted according to <strong>ASTM C423</strong>.</td>
<td>A value of under 25 is considered poor, while a value of 35 and over is exceptional. Tests are conducted per <strong>ASTM E1414</strong> and classified per <strong>ASTM E413</strong>.</td>
</tr>
</tbody>
</table>

**ASTM C423:** Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method.

**ASTM E1414:** Standard Test Method for Airborne Sound Attenuation Between Rooms Sharing a Common Ceiling Plenum.

**ASTM E413:** Classification for Rating Sound Insulation.

EVALUATING WALLS

<table>
<thead>
<tr>
<th>Articulation Class (AC)</th>
<th>Sound Transmission Class (STC)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AC:</strong> A single-number rating, for speech privacy purposes, of a ceiling system in an open plan space. A rating of 170 or higher is considered acceptable. The higher the AC rating, the better the performance.</td>
<td><strong>STC:</strong> A widely used rating of sound attenuation performance of wall and floor systems. Laboratory tests are conducted per <strong>ASTM E90</strong> and classified per <strong>ASTM E413</strong>.</td>
</tr>
</tbody>
</table>

**ASTM 1111:** Standard Test Method for Measuring the Interzone Attenuation of Open Office Components.

**ASTM 1110:** Standard Classification for Determination of Articulation Class.

**ASTM E90:** Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements.

**ASTM E413:** Classification for Rating Sound Insulation.
All sound testing is conducted at the USG Corporate Innovation Center Acoustical Test Facility, which is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Lab Code: 200132-0). Testing of acoustical materials is conducted under the UL Client Data Test Program. All acoustical data are representative of each product family listed.

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**Notes**
- All acoustical data are representative of each product family listed. For the most recent test results on a specific product, please contact your local USG representative or visit usgdesignstudio.com.
- CAC data obtained and tested according to E1414 using type CE mounting (Continuous at partitions, Exposed suspension system).
- NRC data obtained and tested according to ASTM C423. All material was tested in type E400 mounting, as specified in ASTM E795.
- AC data obtained and tested according to ASTM 1111.
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**USG MARS™ HEALTHCARE High-NRC Panels 80/35**

**USG MARS™ HEALTHCARE High-NRC Panels 85/35**

**USG MARS™ HEALTHCARE High-NRC/High-CAC Panels 80/40**

**USG MARS™ HEALTHCARE Panels 75/35**

**USG MARS™ HEALTHCARE with Air Coating 75/35**

**USG MARS™ HEALTHCARE Clean Room 75/35**

**USG MARS™ High-CAC Panels 60/40**

**USG MARS™ High-NRC/High-CAC Acoustical Panels**
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### USG FINELINE® DXFEV™

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| USG IDENTITEE® DXI™ Main Tees

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#### USG DRYWALL SUSPENSION SYSTEM

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**Cross Tees**

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USG CEILING SOLUTIONS
COLOR PROGRAM

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SUSPENSION SYSTEMS ONLY

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CUSTOM COLOR MATCHING

Note: Please consult your USG/CGC sales representative for custom colors. USG will match colors from most major paint manufacturers. Plant to review all colors not listed in color programs for manufacturing capability.

Notes
1. Samples shown are representative of colors for tile and grid only. Color may vary on specialty products.
2. Brass and Chrome available in USG Donn® Brand DX®/ USG Donn® Brand DXL™ Acoustical Suspension System only. All Brass and Chrome items are service level C. Brass and Chrome cross tees available only in DXD™-type butt-cut ends. Shadow moldings are not available in Brass and Chrome.
3. Galvanized Low Gloss Clear is available in USG Donn® Brand DX® / USG Donn® Brand DXL™ Acoustical Suspension System only. Galvanized steel with a low gloss clear finish coat can vary significantly from lot to lot. This is due to the inherent differences in the hot-dipped galvanization coating process.
4. Grid colors applied to the visible cap only. For 360° painting, consult the Specialty Ceiling System price list. Moldings are painted on the exposed horizontal leg.
5. Beige is a Standard color for CGC Donn® Brand Suspension Systems.
6. Manila and Charcoal are Advantage not Standard colors for CGC Donn® Brand Suspension Systems.
7. To highlight the unique texture of USG Sandrift™ Acoustical Panels, choose light colors.
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<td>2'x2'x3/4&quot;</td>
<td>FL</td>
<td>48 10</td>
<td>48 10</td>
<td>—</td>
<td>48</td>
<td>Standard colors (Flat Black and Charcoal not available.) Advantage: Beige, Mist, Silvertone only.</td>
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<tr>
<td>(CLIMAPLUS™)</td>
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<tr>
<td>USG Frost™</td>
<td>76776</td>
<td>2'x2'x3/4&quot;</td>
<td>SLT</td>
<td>48 10</td>
<td>48 10</td>
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<td>Standard, Advantage and Premium colors. Colors outside the Standard, Advantage and Premium programs are subject to approval by plants.</td>
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<tr>
<td>(SC1868)</td>
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<td>USG Glacier™</td>
<td>414</td>
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<td>SLB</td>
<td>32 5</td>
<td>2,688 15</td>
<td>2,688 15</td>
<td>32</td>
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<td>Basic (SC1819)</td>
<td>418</td>
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<td>32 10</td>
<td>2,688 15</td>
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<td>32</td>
<td>Standard, Advantage and Premium colors. Colors outside the Standard, Advantage and Premium programs are subject to approval by plants.</td>
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<tr>
<td>USG Renditions™</td>
<td>419</td>
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<td>32 10</td>
<td>2,688 15</td>
<td>2,688 15</td>
<td>32</td>
<td>Standard, Advantage and Premium colors. Colors outside the Standard, Advantage and Premium programs are subject to approval by plants.</td>
</tr>
<tr>
<td>USG Premier</td>
<td>707</td>
<td>2'x2'x3/4&quot;</td>
<td>SL</td>
<td>32 5</td>
<td>2,688 15</td>
<td>2,688 15</td>
<td>32</td>
<td>Standard, Advantage and Premium colors. Colors outside the Standard, Advantage and Premium programs are subject to approval by plants.</td>
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<tr>
<td>Hi-Lite™</td>
<td>708</td>
<td>2'x2'x3/4&quot;</td>
<td>FL</td>
<td>32 10</td>
<td>2,688 15</td>
<td>2,688 15</td>
<td>32</td>
<td>Standard, Advantage and Premium colors. Colors outside the Standard, Advantage and Premium programs are subject to approval by plants.</td>
</tr>
<tr>
<td>Kapok (SC2487)</td>
<td>88137</td>
<td>2'x2x1&quot;</td>
<td>SQ</td>
<td>32 30-45</td>
<td>32 30-45</td>
<td>32 30-45</td>
<td>32</td>
<td>Premium colors offered. Standard and Advantage colors are all considered “Custom” for pricing.</td>
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<tr>
<td>USG Mars™</td>
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<td>SLT</td>
<td>32 30-45</td>
<td>32 30-45</td>
<td>32 30-45</td>
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<tr>
<td>High-NRC/High-CAC (SC1838)</td>
<td>88139</td>
<td>2'x2x1&quot;</td>
<td>FLB</td>
<td>32 30-45</td>
<td>32 30-45</td>
<td>32 30-45</td>
<td>32</td>
<td></td>
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<tr>
<td>USG Radar™</td>
<td>88134</td>
<td>2'x2x7/8&quot;</td>
<td>SQ</td>
<td>40 30-45</td>
<td>40 30-45</td>
<td>40 30-45</td>
<td>40</td>
<td></td>
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<tr>
<td>Hi-Lite™</td>
<td>88135</td>
<td>2'x2x7/8&quot;</td>
<td>SLT</td>
<td>40 30-45</td>
<td>40 30-45</td>
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</tr>
<tr>
<td>Kapok</td>
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<td>2'x2x7/8&quot;</td>
<td>FLB</td>
<td>40 30-45</td>
<td>40 30-45</td>
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<td>USG Premier</td>
<td>8816</td>
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<tr>
<td>Hi-Lite™</td>
<td>88786</td>
<td>2'x2x3/4&quot;</td>
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<td>48 30-45</td>
<td>48 30-45</td>
<td>48 30-45</td>
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<tr>
<td>USG Sandrift™</td>
<td>86986</td>
<td>2'x2x3/4&quot;</td>
<td>FLB</td>
<td>48 30-45</td>
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<td>USG Premier</td>
<td>7044</td>
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<td>128 20</td>
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<td>128</td>
<td>White and Flat Black only.</td>
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<tr>
<td>Hi-Lite™</td>
<td>7054</td>
<td>2'x2x5/8&quot;</td>
<td>SLT</td>
<td>128 20</td>
<td>—</td>
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<td>128</td>
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<tr>
<td>USG Radar™</td>
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<td>2'x2x5/8&quot;</td>
<td>FL</td>
<td>128 20</td>
<td>—</td>
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<td>128</td>
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<tr>
<td>USG Radar™</td>
<td>7056</td>
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<td>SLB</td>
<td>128 20</td>
<td>—</td>
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<tr>
<td>USG Radar™</td>
<td>7057</td>
<td>2'x2x5/8&quot;</td>
<td>SLT</td>
<td>128 20</td>
<td>—</td>
<td>—</td>
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<td>USG Radar™</td>
<td>2210</td>
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<td>SQ</td>
<td>64 10</td>
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<td>64</td>
<td>Standard colors. Advantage: Beige, Mist, Silvertone only.</td>
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<tr>
<td>USG Sandrift™</td>
<td>2220</td>
<td>2'x2x5/8&quot;</td>
<td>SLT</td>
<td>64 10</td>
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<td>Standard colors. Advantage: Beige, Mist, Silvertone only.</td>
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<td>2'x4x5/8&quot;</td>
<td>SQ</td>
<td>64 10</td>
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<td>Standard colors. Advantage: Beige, Mist, Silvertone only.</td>
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<td>2842</td>
<td>2'x4x3/4&quot;</td>
<td>SLB</td>
<td>48 10</td>
<td>48 10</td>
<td>—</td>
<td>48</td>
<td>Standard colors. Advantage: Beige, Mist, Silvertone only.</td>
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<tr>
<td>Various</td>
<td>2'x2x3/4&quot;</td>
<td>SLB, 32 15</td>
<td>2,688 20</td>
<td>2,688 20</td>
<td>Standard, Advantage and Premium colors. (Advantage are 2,688 min. sq. ft.) Note: Custom colors are 25-day minimum lead time for USG Frost™.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

B. For colors, it is not recommended to mix date codes or lot numbers
USG COLOR PROGRAM FOR SUSPENSION SYSTEMS

STANDARD, ADVANTAGE, PREMIUM COLORS

- All standard products seen below are available within 15 days unless otherwise noted:
  - AX™
  - DXT™/DXLT™
  - DX™/DXL™
  - DXLA™
  - DXF™/DXLF™
  - DXFF™
  - DXI™

- One-carton minimum for suspension systems.
- Suspension systems have color caps only.
- For 360° painting, consult the Specialty Ceiling System price list.
- Moldings are painted on the exposed horizontal leg.
- All metric items are offered in Flat White, USG service level C and CGC service level B. MEDXF3600, MEDXF600 and MEDXF1200N also offered in Flat White with Black Reveal, USG service level C and CGC service level B.

CUSTOM COLORS

- Suspension systems and panels are also available in colors not listed in Standard, Advantage and Premium offerings.
- A 3"x5" color chip is needed for matching.
- Lead time for custom colors will be 15 days unless otherwise notified
- Minimum order quantities may apply.

POWDER-COATED FINISHES

- Suspension systems and panels are also available in colors not listed in Standard, Advantage and Premium offerings.
- Colors other than Standard, Advantage and Premium offerings are subject to approval.
- A 3"x5" color chip is needed for matching.
- Suspension systems not included in the Standard, Advantage and Premium color program are available as custom colors.
- Lead time will be quoted via the Request-To-Quote (RTQ) and will start after acceptance of color match.
- Minimum order quantities may apply.

POWDER-COATED FINISHES

- Standard QS Items in Powder White 3767 available in 15 days
- Standard, Advantage, and Premium colors available
  - Contact customer service for lead times on specific orders
- Minimum quantities may apply.

SUSPENSION SYSTEM SERVICE LEVELS

<table>
<thead>
<tr>
<th>Level</th>
<th>Lead time from order acceptance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Ship</td>
<td>1-2 days</td>
</tr>
<tr>
<td>A</td>
<td>5-7 days</td>
</tr>
<tr>
<td>B</td>
<td>15 days</td>
</tr>
<tr>
<td>C</td>
<td>30 days</td>
</tr>
<tr>
<td>Advantage and Premium Colors</td>
<td>Typically 5 weeks from order.</td>
</tr>
</tbody>
</table>
USG offers metal ceiling panels in several distinctive finishes: Premium Metal, Anodized Metal—Brushed or Polished, Plated Steel, Painted Metal, Wood Tones, Sarante, and Arboreal. These color reproductions are shown to represent available finishes and colors. A sample should be reviewed before placing an order.

<table>
<thead>
<tr>
<th>Availability</th>
<th>Premium Metals</th>
<th>Anodized Metals</th>
<th>Ceilings Plus® Anodized Metals</th>
<th>Plated Steel</th>
<th>Painted Metals</th>
<th>Wood Appearance</th>
<th>Diamondflex™ Expanded Metals</th>
<th>Expanse™</th>
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<tbody>
<tr>
<td>USG CELEBRATION™ SNAP-IN METAL PANELS</td>
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<td>USG CELEBRATION™ TORSION SPRING METAL CEILING PANELS</td>
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<td>USG CELEBRATION™ CANOPIES</td>
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<td>USG COMPÄSSO™ ELITE</td>
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<td>USG COMPÄSSO™ SLIM PERIMETER TRIMS</td>
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<td>USG CURVATURA™ 3-DIMENSIONAL SUSPENSION SYSTEM—2’X2’ PANELS</td>
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</tr>
</tbody>
</table>

* Suspension, trim and panel available in same painted color.
* Suspension and trim available in coordinating painted colors only.
METAL FINISHES

PREMIUM METALS
2’x2’ panels only
- Aged Copper (1017)
- Etched Ice Dark (1016)
- Etched Ice Light (1015)

ANODIZED METAL PANELS
USG Celebration™ and Panz®, 2’x2’ and 2’x4’ panels only
- Brushed Aluminum (PIA12)
- Polished Brass (PM21)
- Polished Chrome (PM61)
- Satin Chrome (PM614)

CEILINGS PLUS ANODIZED METAL PANELS
Illusions®, Barz®, Planx®, Wallforms™, Beamz®, Radiants®
- Kryolite
- Grau
- Sateen

PLATED METAL (STEEL)
USG Compässo™—2-1/4”, 4”, 6” and 8” trim only
- Plated Chrome (066)

Notes
1. Metallic Colors have minimum run size, coordinating colors available for all project sizes.
2. Two-foot maximum panel width for painted metallic finishes.
3. Anodized finish subject to “rainbowing”—multicolor patterns exaggerated by critical lighting.
**PAINTED METALS**
Metallic finishes shown
Custom colors available in painted finishes

- Metallic Copper (1690)
- Metallic Gold (1691)
- Metallic Oyster (1652)
- Silver Satin (002)
- Flat White (050)
- Matte White (3708)
- Blanco Mat
- Flat Black

**ANODIZED METALS**
LINEAR SYSTEMS
USG Paraline® only; PII—Black Reveal not available with these finishes

- Brushed Aluminum (PIA12)
- Polished Aluminum (086)

**DIAMOND FLEX™**
Expanded Metals 2’x2’ panels only

- Louvered Bright White
- Louvered Bright Silver
- Sheer Bright White
- Sheer Bright Silver

**Notes**
1. Metallic Colors have minimum run size, coordinating colors available for all project sizes.
2. Two-foot maximum panel width for painted metallic finishes.
3. Anodized finish subject to “rainbowing”—multicolor patterns exaggerated by critical lighting.
**METAL FINISHES**

**EXPANSE™**

**Metal patterns**

- EX-1: Raised (45% Open)
- EX-2: Raised (55% Open)
- EX-3: Raised (48% Open)
- EX-4: Raised (62% Open)
- EX-5: Raised (63% Open)
- EX-6: Raised (76% Open)
- EX-7: Raised (72% Open)
- EX-8: Flattened (70% Open)

**Standard finishes**

- EX-9: Raised (12% Open)
- Steel Blue
- Bronze
- Copper
- White
- Black
- Mill


USG Ceilings Plus® Design Services offer form optimization, panelization, perforation, and other parametric operations.

Parti and Pixels pronounces perforations, beyond what standard or custom perforations can do.

Achieving designer’s vision while balancing economic and aesthetic demand.

**PARTI™**: Creating abstract perforation patterns for aesthetic intent as well as creating geometric arrangements to fit the design intent.

**PIXELS®**: Transform photos, art, and logos into high resolution perforation.

USG Ceilings Plus® Illusions®, Finish: Blanco Mat®, University of Oregon Lundquist College of Business, Architect: ZGF Architecture, Photo: ©Eckert & Eckert

USG Ceilings Plus® Illusions®, Finish: Blanco Mat®, Hartfield-Jackson, Atlanta International Airport, Architect: Fitzgerald Collaborative/HKS, Photo: ©Katie Bricker Photography
### Metal Perforations
#### Pattern Nomenclature

USG has a descriptive nomenclature for identifying perforations. Coding for this system consists of the following four components:

- **Perforation Shape**: Circle, Square, Oblong, Rectangle
- **Perforation Pattern**: Straight 90 degree, Diagonal 45 degree, Equilateral 60 degree
- **Perforation Hole Size**: .XXX".
- **Perforation Open Area**: .XX%

**Example A:**
Circle perforation, 45 degrees, .0625" perforation diameter, with 19% open area.

```
<table>
<thead>
<tr>
<th>Perforation Shape</th>
<th>Perforation Pattern</th>
<th>Perforation Hole Size</th>
<th>Perforation Open Area</th>
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</thead>
<tbody>
<tr>
<td>Circle</td>
<td>Straight 90 degree</td>
<td>.063</td>
<td>19</td>
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</tbody>
</table>
```

**Example B:**
Circle perforation, 45 degrees, .125" perforation diameter, with 10% open area.

```
<table>
<thead>
<tr>
<th>Perforation Shape</th>
<th>Perforation Pattern</th>
<th>Perforation Hole Size</th>
<th>Perforation Open Area</th>
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</thead>
<tbody>
<tr>
<td>Circle</td>
<td>Straight 90 degree</td>
<td>.125</td>
<td>10</td>
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</table>
```

---

**Notes**
1. Open area % does not have a direct correlation to NRC Value.
2. Custom and embossed perforation patterns available. Contact your USG Sales Rep.
3. Frequently requested perforation.
4. Perforation border size is dependent on panel type, panel size, perforation pattern and available punch tooling. Contact your USG Sales Rep. for details.
5. Illusions panels can be borderless. CD06305NB can be used borderless with all panels.
6. Perforation may be limited due to material thickness.
7. NRC values for perforated panels with Acoustibond™ backer tested in accordance with ASTM C423 in type E400 mounting, as described in ASTM E795. Higher NRC values may be achieved with additional acoustical infill, contact your USG Sales Rep.
8. NRC range estimated based on testing of panels with similar perforation pattern.

---

**Pattern Number**

<table>
<thead>
<tr>
<th>Pattern Number</th>
<th>Perforation Pattern Description</th>
<th>Open Area %</th>
<th>NRC</th>
<th>Previous Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS03002</td>
<td>Circle — 90 degrees — .030&quot;</td>
<td>2%</td>
<td>0.50</td>
<td>C030</td>
</tr>
<tr>
<td>CS04002</td>
<td>Circle — 90 degrees — .040&quot;</td>
<td>2.2%</td>
<td>0.45-0.50</td>
<td>SD-5</td>
</tr>
<tr>
<td>CS04003</td>
<td>Circle — 90 degrees — .040&quot;</td>
<td>3%</td>
<td>0.55</td>
<td>C040</td>
</tr>
<tr>
<td>CD04004</td>
<td>Circle — 45 degrees — .040&quot;</td>
<td>4.4%</td>
<td>0.60</td>
<td>SD-6</td>
</tr>
<tr>
<td>CS05003</td>
<td>Circle — 90 degrees — .050&quot;</td>
<td>3.1%</td>
<td>0.55</td>
<td>SD-3</td>
</tr>
<tr>
<td>CD05006</td>
<td>Circle — 45 degrees — .050&quot;</td>
<td>6.3%</td>
<td>0.70</td>
<td>SD-2</td>
</tr>
<tr>
<td>CS06302</td>
<td>Circle — 90 degrees — .0625&quot;</td>
<td>2.5%</td>
<td>0.45-0.50</td>
<td>C062</td>
</tr>
<tr>
<td>CS06303</td>
<td>Circle — 90 degrees — .0625&quot;</td>
<td>3%</td>
<td>0.50</td>
<td>SD-21</td>
</tr>
<tr>
<td>CD06305</td>
<td>Circle — 45 degrees — .0625&quot;</td>
<td>5%</td>
<td>0.65</td>
<td>A062A</td>
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<td>CS06305NB</td>
<td>Circle — 45 degrees — .0625&quot; (no border)</td>
<td>5%</td>
<td>0.65</td>
<td>A062</td>
</tr>
<tr>
<td>CD06310</td>
<td>Circle — 45 degrees — .0625&quot;</td>
<td>10%</td>
<td>0.70</td>
<td>SD-7</td>
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<tr>
<td>CS06310</td>
<td>Circle — 90 degrees — .0625&quot;</td>
<td>10%</td>
<td>0.65-0.70</td>
<td>C062B</td>
</tr>
<tr>
<td>CD06312</td>
<td>Circle — 45 degrees — .0625&quot;</td>
<td>12%</td>
<td>0.55-0.60</td>
<td>A062F</td>
</tr>
<tr>
<td>CD06319</td>
<td>Circle — 45 degrees — .0625&quot;</td>
<td>19%</td>
<td>0.75-0.80</td>
<td>A062D</td>
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<tr>
<td>CE07814</td>
<td>Circle — 60 degrees — .078&quot;</td>
<td>14%</td>
<td>0.75</td>
<td>SD-8</td>
</tr>
<tr>
<td>CS07814</td>
<td>Circle — 90 degrees — .078&quot;</td>
<td>14%</td>
<td>0.70-0.75</td>
<td>SD-9</td>
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<tr>
<td>CE07906</td>
<td>Circle — 60 degrees — .079&quot;</td>
<td>6%</td>
<td>0.60-0.65</td>
<td>B079</td>
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<tr>
<td>CS09405</td>
<td>Circle — 90 degrees — .094&quot;</td>
<td>5%</td>
<td>0.75</td>
<td>SD-15</td>
</tr>
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<td>CD09410</td>
<td>Circle — 45 degrees — .094&quot;</td>
<td>10%</td>
<td>0.75</td>
<td>SD-11</td>
</tr>
<tr>
<td>CS09420</td>
<td>Circle — 90 degrees — .094&quot;</td>
<td>20%</td>
<td>0.75-0.80</td>
<td>SD-12</td>
</tr>
<tr>
<td>CE09420</td>
<td>Circle — 60 degrees — .094&quot;</td>
<td>20%</td>
<td>0.75-0.80</td>
<td>SD-10</td>
</tr>
<tr>
<td>CS11708</td>
<td>Circle — 90 degrees — .1165&quot;</td>
<td>8%</td>
<td>0.65-0.70</td>
<td>CI16</td>
</tr>
<tr>
<td>CD11717</td>
<td>Circle — 45 degrees — .1165&quot;</td>
<td>17%</td>
<td>0.70</td>
<td>A116</td>
</tr>
<tr>
<td>CS12505</td>
<td>Circle — 90 degrees — .125&quot;</td>
<td>5%</td>
<td>0.60-0.65</td>
<td>ST-14</td>
</tr>
<tr>
<td>CD12510</td>
<td>Circle — 45 degrees — .125&quot;</td>
<td>10%</td>
<td>0.65-0.70</td>
<td>SD-17</td>
</tr>
<tr>
<td>CE12510</td>
<td>Circle — 60 degrees — .125&quot;</td>
<td>10%</td>
<td>0.65-0.70</td>
<td>B125</td>
</tr>
<tr>
<td>CE12520</td>
<td>Circle — 60 degrees — .125&quot;</td>
<td>20%</td>
<td>0.75-0.80</td>
<td>SD-13</td>
</tr>
</tbody>
</table>
### METAL PERFORATIONS

#### CIRCULAR PERFORATIONS

<table>
<thead>
<tr>
<th>Pattern Number⁴</th>
<th>Perforation Pattern Description</th>
<th>Open Area %¹</th>
<th>NRC²</th>
<th>Previous Pattern</th>
</tr>
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<tbody>
<tr>
<td>CS12520⁴</td>
<td>Circle — 90 degrees — .125&quot;</td>
<td>20%</td>
<td>0.75-0.80⁸</td>
<td>ST-13</td>
</tr>
<tr>
<td>CS18801⁴</td>
<td>Circle — 90 degrees — .188&quot;</td>
<td>1%</td>
<td>0.40-0.45⁶</td>
<td>C188</td>
</tr>
<tr>
<td>CD18803</td>
<td>Circle — 45 degrees — .188&quot;</td>
<td>3%</td>
<td>0.45-0.50⁶</td>
<td>A188</td>
</tr>
<tr>
<td>CS18806</td>
<td>Circle — 90 degrees — .188&quot;</td>
<td>6%</td>
<td>0.60-0.65⁶</td>
<td>SD-19</td>
</tr>
<tr>
<td>CE18820</td>
<td>Circle — 60 degrees — .188&quot;</td>
<td>20%</td>
<td>0.80</td>
<td>SD-14</td>
</tr>
<tr>
<td>CS18820</td>
<td>Circle — 90 degrees — .188&quot;</td>
<td>20%</td>
<td>0.75-0.80⁶</td>
<td>SD-16</td>
</tr>
<tr>
<td>CE18833</td>
<td>Circle — 60 degrees — .188&quot;</td>
<td>33%</td>
<td>0.75-0.80⁶</td>
<td>B188A</td>
</tr>
<tr>
<td>CD18839⁹</td>
<td>Circle — 45 degrees — .188&quot;</td>
<td>39%</td>
<td>0.75-0.80⁶</td>
<td>SD-20/A188C</td>
</tr>
<tr>
<td>CE19735</td>
<td>Circle — 60 degrees — .197&quot;</td>
<td>35%</td>
<td>0.75-0.80⁶</td>
<td>B197</td>
</tr>
<tr>
<td>CS20106</td>
<td>Circle — 90 degrees — .201&quot;</td>
<td>6%</td>
<td>0.60-0.65⁶</td>
<td>SD-25</td>
</tr>
<tr>
<td>CS20123</td>
<td>Circle — 90 degrees — .201&quot;</td>
<td>23%</td>
<td>0.75-0.80⁶</td>
<td>SD-26</td>
</tr>
<tr>
<td>CS25012⁹</td>
<td>Circle — 90 degrees — .250&quot;</td>
<td>12%</td>
<td>0.65-0.70⁶</td>
<td>C250A</td>
</tr>
<tr>
<td>CS25020⁹</td>
<td>Circle — 90 degrees — .250&quot;</td>
<td>20%</td>
<td>0.75</td>
<td>ST-20</td>
</tr>
<tr>
<td>CE25030⁹</td>
<td>Circle — 60 degrees — .250&quot;</td>
<td>30%</td>
<td>0.75-0.80⁶</td>
<td>B250</td>
</tr>
<tr>
<td>CD25039⁴</td>
<td>Circle — 45 degrees — .250&quot;</td>
<td>39%</td>
<td>0.75-0.80⁶</td>
<td>SD-18/A250</td>
</tr>
<tr>
<td>CE25058⁸</td>
<td>Circle — 60 degrees — .250&quot;</td>
<td>58%</td>
<td>0.75-0.80⁶</td>
<td>B250H</td>
</tr>
<tr>
<td>CE31246</td>
<td>Circle — 60 degrees — .312&quot;</td>
<td>46%</td>
<td>0.75-0.80⁶</td>
<td>B312</td>
</tr>
<tr>
<td>CS37507⁷</td>
<td>Circle — 90 degrees — .375&quot;</td>
<td>7%</td>
<td>0.60-0.65⁶</td>
<td>LT-29</td>
</tr>
<tr>
<td>CS37509</td>
<td>Circle — 90 degrees — .375&quot;</td>
<td>9%</td>
<td>0.60-0.65⁶</td>
<td>C375</td>
</tr>
<tr>
<td>CD37515⁴</td>
<td>Circle — 45 degrees — .375&quot;</td>
<td>15%</td>
<td>0.65-0.70⁶</td>
<td>LT-27</td>
</tr>
<tr>
<td>CS37520⁴</td>
<td>Circle — 90 degrees — .375&quot;</td>
<td>20%</td>
<td>0.70-0.75⁶</td>
<td>LT-28</td>
</tr>
<tr>
<td>CE37533⁴</td>
<td>Circle — 60 degrees — .375&quot;</td>
<td>33%</td>
<td>0.75-0.80⁶</td>
<td>LT-25</td>
</tr>
<tr>
<td>CD37539</td>
<td>Circle — 45 degrees — .375&quot;</td>
<td>39%</td>
<td>0.75-0.80⁶</td>
<td>LT-26</td>
</tr>
<tr>
<td>CS50009⁸</td>
<td>Circle — 90 degrees — .500&quot;</td>
<td>9%</td>
<td>0.60-0.65⁶</td>
<td>C500</td>
</tr>
<tr>
<td>CS50020⁹</td>
<td>Circle — 90 degrees — .500&quot;</td>
<td>20%</td>
<td>0.70-0.75⁶</td>
<td>LT-30</td>
</tr>
<tr>
<td>CE50020⁹</td>
<td>Circle — 60 degrees — .500&quot;</td>
<td>20%</td>
<td>0.70-0.75⁶</td>
<td>LT-31</td>
</tr>
<tr>
<td>CD50009⁸</td>
<td>Circle — 45 degrees — .500&quot;</td>
<td>39%</td>
<td>0.75-0.80⁶</td>
<td>LT-33</td>
</tr>
<tr>
<td>CS50055</td>
<td>Circle — 60 degrees — .500&quot;</td>
<td>55%</td>
<td>0.75-0.80⁶</td>
<td>A500</td>
</tr>
<tr>
<td>CE50063⁹</td>
<td>Circle — 60 degrees — .500&quot;</td>
<td>63%</td>
<td>0.75-0.80⁶</td>
<td>B500</td>
</tr>
<tr>
<td>CS62520</td>
<td>Circle — 90 degrees — .625&quot;</td>
<td>20%</td>
<td>0.70-0.75⁶</td>
<td>ST-40</td>
</tr>
<tr>
<td>CD62540</td>
<td>Circle — 45 degrees — .625&quot;</td>
<td>40%</td>
<td>0.75-0.80⁶</td>
<td>ST-41</td>
</tr>
<tr>
<td>CS75028⁴</td>
<td>Circle — 90 degrees — .750&quot;</td>
<td>28%</td>
<td>0.75-0.80⁶</td>
<td>LT-34</td>
</tr>
<tr>
<td>CS125031⁴</td>
<td>Circle — 90 degrees — 1.250&quot;</td>
<td>31%</td>
<td>0.75-0.80⁶</td>
<td>ST-26</td>
</tr>
<tr>
<td>CE125031</td>
<td>Circle — 60 degrees — 1.250&quot;</td>
<td>31%</td>
<td>0.75-0.80⁶</td>
<td>ST-27</td>
</tr>
</tbody>
</table>

**Notes**

1. Open area % does not have a direct correlation to NRC Value.
2. Custom and embossed perforation patterns available. Contact your USG Sales Rep.
3. Frequently requested perforation. Illusions panels can be borderless. CD06305NB can be used borderless with all panels.
4. Perforation border size is dependent on panel type, panel size, perforation pattern and available punch tooling. Contact your USG Sales Rep. for details.
5. Perforation may be limited due to material thickness.
6. Perforation illustration on following pages.
7. NRC values for perforated panels with Acoustibond™ backer tested in accordance with ASTM C423 in type E400 mounting, as described in ASTM E795. Higher NRC values may be achieved with additional acoustical infill, contact your USG Sales Rep.
8. NRC range estimated based on testing of panels with similar perforation pattern.
Metal Perforations

Notes
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3. Frequently requested perforation.
4. Perforation border size is dependent on panel type, panel size, perforation pattern and available punch tooling. Contact your USG Sales Rep. for details.
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7. Perforation illustration on following pages.
8. NRC range estimated based on testing of panels with similar perforation pattern.

### Pattern Number Perforation Pattern Description Open Area % NRC Previous Pattern

**Square Perforations**

<table>
<thead>
<tr>
<th>Pattern Number</th>
<th>Perforation Pattern Description</th>
<th>Open Area %</th>
<th>NRC</th>
<th>Previous Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS18814s</td>
<td>Square — 90 degrees — .188&quot;</td>
<td>14%</td>
<td>0.65-0.70</td>
<td>ST-21</td>
</tr>
<tr>
<td>SS25011s</td>
<td>Square — 90 degrees — .250&quot;</td>
<td>11%</td>
<td>0.65-0.70</td>
<td>D250</td>
</tr>
<tr>
<td>SS25025s</td>
<td>Square — 90 degrees — .250&quot;</td>
<td>25%</td>
<td>0.75-0.80</td>
<td>ST-22</td>
</tr>
<tr>
<td>SS37511</td>
<td>Square — 90 degrees — .375&quot;</td>
<td>11%</td>
<td>0.65-0.70</td>
<td>D375</td>
</tr>
<tr>
<td>SS39415s</td>
<td>Square — 90 degrees — .394&quot;</td>
<td>15%</td>
<td>0.65-0.70</td>
<td>LT-20</td>
</tr>
<tr>
<td>SS39460s</td>
<td>Square — 90 degrees — .394&quot;</td>
<td>60%</td>
<td>0.75-0.80</td>
<td>LT-21</td>
</tr>
<tr>
<td>SS41334</td>
<td>Square — 90 degrees — .413&quot;</td>
<td>34%</td>
<td>0.75-0.80</td>
<td>LT-22</td>
</tr>
<tr>
<td>SS50011s</td>
<td>Square — 90 degrees — .500&quot;</td>
<td>11%</td>
<td>0.65-0.70</td>
<td>D500</td>
</tr>
<tr>
<td>SS50025s</td>
<td>Square — 90 degrees — .500&quot;</td>
<td>25%</td>
<td>0.75-0.80</td>
<td>LT-32</td>
</tr>
<tr>
<td>SS50070s</td>
<td>Square — 90 degrees — .500&quot;</td>
<td>70%</td>
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</tr>
<tr>
<td>SS75036</td>
<td>Square — 90 degrees — .750&quot;</td>
<td>36%</td>
<td>0.75-0.80</td>
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**Obround Perforations**

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<tr>
<th>Pattern Number</th>
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<th>Open Area %</th>
<th>NRC</th>
<th>Previous Pattern</th>
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</thead>
<tbody>
<tr>
<td>OS06317s</td>
<td>Obround — 90 degrees — .0625&quot;</td>
<td>17%</td>
<td>0.70-0.75</td>
<td>OB-14</td>
</tr>
<tr>
<td>OS06333s</td>
<td>Obround — 90 degrees — .0625&quot;</td>
<td>33%</td>
<td>0.75-0.80</td>
<td>OB-15</td>
</tr>
<tr>
<td>OS09420</td>
<td>Obround — 90 degrees — .094&quot;</td>
<td>20%</td>
<td>0.75-0.80</td>
<td>OB-8</td>
</tr>
<tr>
<td>OS12523s</td>
<td>Obround — 90 degrees — .125&quot;</td>
<td>23%</td>
<td>0.80</td>
<td>OB-10</td>
</tr>
<tr>
<td>OS12537s</td>
<td>Obround — 90 degrees — .125&quot;</td>
<td>37%</td>
<td>0.75-0.80</td>
<td>OB-20</td>
</tr>
<tr>
<td>OS18827s</td>
<td>Obround — 90 degrees — .188&quot;</td>
<td>27%</td>
<td>0.75-0.80</td>
<td>OB-18</td>
</tr>
<tr>
<td>OD18827s</td>
<td>Obround — 45 degrees — .188&quot;</td>
<td>27%</td>
<td>0.75</td>
<td>OB-19</td>
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</table>

**Rectangular Perforations**

<table>
<thead>
<tr>
<th>Pattern Number</th>
<th>Perforation Pattern Description</th>
<th>Open Area %</th>
<th>NRC</th>
<th>Previous Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>RS12518s</td>
<td>Rectangle — 90 degrees — .125&quot;</td>
<td>18%</td>
<td>0.70-0.75</td>
<td>LT-39</td>
</tr>
<tr>
<td>RS12527s</td>
<td>Rectangle — 90 degrees — .125&quot;</td>
<td>27%</td>
<td>0.75</td>
<td>LT-40</td>
</tr>
<tr>
<td>RS15657s</td>
<td>Rectangle — 90 degrees — .156&quot;</td>
<td>57%</td>
<td>0.75-0.80</td>
<td>LT-44</td>
</tr>
<tr>
<td>RS25021s</td>
<td>Rectangle — 90 degrees — .250&quot;</td>
<td>21%</td>
<td>0.75-0.80</td>
<td>LT-42</td>
</tr>
<tr>
<td>RS25041s</td>
<td>Rectangle — 90 degrees — .250&quot;</td>
<td>41%</td>
<td>0.75-0.80</td>
<td>LT-43</td>
</tr>
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</table>
Notes
1. Open area % does not have a direct correlation to NRC Value.
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3. Frequently requested perforation.
4. Perforation border size is dependent on panel type, panel size, perforation pattern and available punch tooling. Contact your USG Sales Rep. for details.
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6. Perforation may be limited due to material thickness.
7. Perforation illustration on following pages.
8. NRC values for perforated panels with Acoustibond™ backer tested in accordance with ASTM C423 in type E400 mounting, as described in ASTM E795. Higher NRC values may be achieved with additional acoustical infill, contact your USG Sales Rep.
9. NRC range estimated based on testing of panels with similar perforation pattern.
## METAL PERFORATIONS

### CIRCULAR PERFORATIONS

<table>
<thead>
<tr>
<th>Pattern No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS09420</td>
<td>Circle—90 degrees—.094&quot; 20% open area (SD-12)</td>
</tr>
<tr>
<td>CS11708</td>
<td>Circle—90 degrees—.1165&quot; 8% open area (C116)</td>
</tr>
<tr>
<td>CD11717</td>
<td>Circle—45 degrees—.1165&quot; 17% open area (A116)</td>
</tr>
<tr>
<td>CS12505</td>
<td>Circle—90 degrees—.125&quot; 5% open area (ST-14)</td>
</tr>
<tr>
<td>CD12510</td>
<td>Circle—45 degrees—.125&quot; 10% open area (SD-17)</td>
</tr>
<tr>
<td>CE12510</td>
<td>Circle—60 degrees—.125&quot; 10% open area (B125)</td>
</tr>
<tr>
<td>CE12520</td>
<td>Circle—60 degrees—.125&quot; 20% open area (SD-13)</td>
</tr>
<tr>
<td>CS12520</td>
<td>Circle—90 degrees—.125&quot; 20% open area (ST-13)</td>
</tr>
<tr>
<td>CS18801</td>
<td>Circle—90 degrees—.188&quot; 1% open area (C188)</td>
</tr>
<tr>
<td>CD18803</td>
<td>Circle—45 degrees—.188&quot; 3% open area (A188)</td>
</tr>
<tr>
<td>CS18820</td>
<td>Circle—90 degrees—.188&quot; 20% open area (SD-16)</td>
</tr>
<tr>
<td>CD18839</td>
<td>Circle—45 degrees—.188&quot; 39% open area (SD-20)</td>
</tr>
</tbody>
</table>

### Notes

1. Open area % does not have a direct correlation to NRC Value.
2. Custom and embossed perforation patterns available. Contact your USG Sales Rep.
3. Frequently requested perforation.
4. Perforation border size is dependent on panel type, panel size, perforation pattern and available punch tooling. Contact your USG Sales Rep. for details. Illusions panels can be borderless. CD06305NB can be used borderless with all panels.
5. Perforation may be limited due to material thickness.
6. Perforation illustration on following pages.
7. NRC values for perforated panels with Acoustibond™ backer tested in accordance with ASTM C423 in type E400 mounting, as described in ASTM E795. Higher NRC values may be achieved with additional acoustical infill, contact your USG Sales Rep.
8. NRC range estimated based on testing of panels with similar perforation pattern.
Notes

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3. Frequently requested perforation.
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6. Perforation may be limited due to material thickness.
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9. NRC range estimated based on testing of panels with similar perforation pattern.
**Notes**

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9. NRC range estimated based on testing of panels with similar perforation pattern.
**Notes**
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4. Perforation border size is dependent on panel type, panel size, perforation pattern and available punch tooling. Contact your USG Sales Rep. for details.
5. Perforation may be limited due to material thickness.
6. Perforation illustration on following pages.
7. NRC values for perforated panels with Acoustibond™ backer tested in accordance with ASTM C423 in type E400 mounting, as described in ASTM E795. Higher NRC values may be achieved with additional acoustical infill, contact your USG Sales Rep.
8. NRC range estimated based on testing of panels with similar perforation pattern.
### SYSTEM INTERFACE

**15/16” Square and Flush Edge Details**

1. Edge Type: SQ Edge  
   Tile Type: All Tile  
   Grid Type: USG DX*  
   Wall Molding: All  
   1/16”  
   Varies

2. Edge Type: SQ Edge  
   Tile Type: All Tile  
   Grid Type: USG DXCE*  
   Wall Molding: M7CE, US28CE  
   1/16”  
   Varies

3. Edge Type: SQ Edge  
   Tile Type: USG Panz*  
   Grid Type: USG DX*  
   Wall Molding: All, see IC364  
   1/16”  
   Varies

**15/16” Reveal Edge Details**

4. Edge Type: PM Edge  
   Tile Type: USG Panz*  
   Grid Type: USG DX*  
   Wall Molding: All, see IC364  
   1/16”  
   Varies

5. Edge Type: SQ Edge  
   Tile Type: All Tile  
   Grid Type: USG DXW**  
   Wall Molding: All  
   1/16”  
   Varies

6. Edge Type: SQ Edge  
   Tile Type: All Tile  
   Grid Type: USG DXWCE**  
   Wall Molding: M7CE, US28CE  
   1/16”  
   Varies

7. Edge Type: SL Edge  
   Tile Type: Cast  
   Grid Type: USG DX*  
   Wall Molding: All angles, MS144 opt 2, MS174  
   1/16”  
   3/4”

8. Edge Type: SL Edge  
   Tile Type: USG Halfyon**  
   Grid Type: USG DX*  
   Wall Molding: All angles, MS125  
   1/16”  
   3/4”, 1”, 1 1/2”

9. Edge Type: SL Edge  
   Tile Type: Wet-Formed  
   Grid Type: USG DX*  
   Wall Molding: All angles, MS125  
   1/16”  
   1/4” or 1/4”

10. Edge Type: SLT Edge  
    Tile Type: USG Eclipse™, Mars™  
    Grid Type: USG DX*  
    Wall Molding: All angles, MS125  
    1/16”  
    3/4”

11. Edge Type: SL Pedestals™ Edge  
    Tile Type: USG Eclipse™  
    Grid Type: USG DX*  
    Wall Molding: All angles, MS144 side 1  
    1/16”  
    1/2”

12. Edge Type: SLT Illusion™ Edge  
    Tile Type: USG Eclipse™  
    Grid Type: USG DX*  
    Wall Molding: All angles, MS125  
    1/16”  
    3/8”

13. Edge Type: SL Edge  
    Tile Type: USG Panz*  
    Grid Type: USG DX*  
    Wall Molding: See IC364  
    1/16”  
    7/16”

14. Edge Type: SL Edge  
    Tile Type: USG Panz*  
    Grid Type: USG DX*  
    Wall Molding: See IC364  
    1/16”  
    7/16”

15. Edge Type: Geometrix® Edge  
    Tile Type: USG Geometrix®  
    Grid Type: USG DX*  
    Wall Molding: N/A  
    1/16”  
    Varies

16. Edge Type: WSL Edge  
    Tile Type: USG True® Wood  
    Grid Type: USG DX*  
    Wall Molding: See IC561  
    1/16”  
    Varies
Notes
1. Maximum 2' x 2' with SQ edge panels.
9/16” Reveal Edge Details with USG DXI™ Grid

- **Edge Type:** FL Edge
  - **Grid Type:** USG DXI™
  - **Wall Molding:** M7, M9, MS125

- **Edge Type:** FLB Edge
  - **Tile Type:** USG Mars™
  - **Grid Type:** USG DXI™
  - **Wall Molding:** M7, M9, MS125

- **Edge Type:** ILT Illusion™ Edge
  - **Tile Type:** USG Eclipse™
  - **Grid Type:** USG DXI™
  - **Wall Molding:** M7, M9, MS125

- **Edge Type:** PE Pedestals™ Edge
  - **Tile Type:** USG Panz®
  - **Grid Type:** USG Geometrix®
  - **Wall Molding:** All angles

- **Edge Type:** Torsion Spring Edge
  - **Tile Type:** USG Celebration™
  - **Grid Type:** USG True® Wood
  - **Wall Molding:** All angles

- **Edge Type:** Snap-in Edge
  - **Tile Type:** USG Celebration™
  - **Grid Type:** USG DXF™
  - **Wall Molding:** See IC361

- **Edge Type:** SF Staple Flange
  - **Tile Type:** Wet-Formed
  - **Grid Type:** N/A
  - **Wall Molding:** All angles

15/16” Kerf Edge Details

- **Edge Type:** BESK Edge
  - **Tile Type:** Wet Formed
  - **Grid Type:** USG DX®
  - **Wall Molding:** All angles

- **Edge Type:** WDAR Edge
  - **Tile Type:** USG True® Wood
  - **Grid Type:** USG DX®
  - **Wall Molding:** See IC561

- **Edge Type:** Snap-in Edge
  - **Tile Type:** USG Celebration™
  - **Grid Type:** USG DXF™
  - **Wall Molding:** See SC2561

Tongue and Groove Edge Details

- **Edge Type:** SF Staple Flange
  - **Tile Type:** Wet-Formed
  - **Grid Type:** N/A
  - **Wall Molding:** All angles
USG offers luminous ceiling panels in several distinctive styles and finishes. These color reproductions are shown to represent available finishes and colors. Décor colors are not to scale. A sample should be reviewed before placing an order.

**COLOR GALLERY**
For USG Billo™, Translucents™ Panels and Translucents™ Canopies

- Agave
- Blush
- Calypso
- Cornflower
- Glacier
- Graphite
- Gunmetal
- Honeydew
- Lago
- Lemon
- Mimosa
- Mulberry
- Nutmeg
- Olive
- Olivewood
- Orchid
- Pacific
- Periwinkle
- Pomegranate
- Sahara
- Santorini
- Seaglass
- Spice
- Sunflower
- Sunset

**DÉCORS**
Shown with Coordinating Suspension Color

- **Ivory Taipei**
  - Coordinating: Ivory Taipei 3772

- **Lipstick Meander**
  - Coordinating: Lipstick 3199

- **Luna Ice**
  - Coordinating: Luna Ice 292

- **Oyster Linen**
  - Coordinating: Oyster 3773

- **Clear Matte**
  - Coordinating: Flat White 050

- **White Mesh**
  - Coordinating: Flat White 050

- **White Fiberoptic**
  - Coordinating: Flat White 050

- **Silver Spun**
  - Coordinating: Silver Satin 002

- **Rain**
  - Coordinating: Flat White 050

- **Rhythm**
  - Coordinating: Flat White 050

- **Stardust**
  - Coordinating: Flat White 050

- **Take II**
  - Coordinating: Silver Satin 002
WOOD FINISHES
USG SPECIALTY

WOOD TONES
FAUX FINISHES¹,²
Coordinating suspension
and/or trim color
available.

Beech (3810)  
Dark Bamboo (3808)  
Dark Cherry (3811)  
Light Bamboo (3809)

Light Cherry (3812)  
Maple (3813)  
Red Oak (3814)  
Walnut (3815)

TIMBRE™¹,²
Print finish on Metal
Coordinating suspension
and/or trim color available.

Maple  
VG Fir  
Red Birch  
Cherry

Walnut  
Mahogany

Notes
1. Color Disclaimer: Printed and/or online color swatches are only reproductions of actual standards and will vary in appearance due to differences in
monitor and printer output.
2. Wood Disclaimer: Wood is a natural grain product with variations in grain, texture and color often ranging from light to dark, thereby affecting the
surface look. Product finishes are spray-applied stain or sealer coats.
3. Faux wood finishes exhibit variations in grain, texture and color often ranging from light to dark, thereby affecting the surface look from one item
to another.
<table>
<thead>
<tr>
<th>Wood Type</th>
<th>Veneer</th>
<th>Notes</th>
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<tbody>
<tr>
<td><strong>TRUE® WOOD PANELS AND LINEAR PLANKS</strong></td>
<td><strong>PLAIN SLICE</strong></td>
<td></td>
</tr>
<tr>
<td>Maple</td>
<td>Book Matched, 20% Sheen, Clear</td>
<td></td>
</tr>
<tr>
<td>Light Cherry</td>
<td>Book Matched, 20% Sheen, Clear</td>
<td></td>
</tr>
<tr>
<td>Red Oak</td>
<td>Book Matched, 20% Sheen, Clear</td>
<td></td>
</tr>
<tr>
<td>Dark Cherry</td>
<td>Book Matched, 20% Sheen, Clear</td>
<td></td>
</tr>
<tr>
<td>Beech</td>
<td>Book Matched, 20% Sheen, Clear</td>
<td></td>
</tr>
<tr>
<td>Light Bamboo</td>
<td>Natural Narrow Band, 20% Sheen, Clear</td>
<td></td>
</tr>
<tr>
<td>Dark Bamboo</td>
<td>Amber Narrow Band, 20% Sheen, Clear</td>
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</tr>
<tr>
<td><strong>TRUE® WOOD GRILLES</strong></td>
<td><strong>Solid Wood</strong></td>
<td></td>
</tr>
<tr>
<td>Maple</td>
<td>Solid White Hardwood, Stained 20% Sheen, Clear</td>
<td></td>
</tr>
<tr>
<td>Red Oak</td>
<td>Solid White Hardwood, Stained 20% Sheen, Clear</td>
<td></td>
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WOOD FINISHES - USG SPECIALTY

TRUE® WOOD PERFORATION OPTIONS

The perforation options are not demonstrated here at actual size.

W100
- 6mm hole on 16mm spacing
- 10% open area

W200
- 6mm hole on 32mm spacing
- 3% open area

W300
- 8mm hole on 16mm spacing
- 20% open area

W400
- 8mm hole on 32mm spacing
- 5% open area

CHANNEL OPTIONS

W500 with Border
- 3.8mm groove depth
- 25.4mm border
- 2mm groove
- 10mm centers

W600 with Border
- 3.8mm groove depth
- 25.4mm border
- 2mm groove
- 5mm centers
ARBOREAL®1, 2
Real wood veneer
Interior only

Maple
VG Fir
White Oak
Cherry

Mahogany
Walnut

SARANTE®1, 3
PVC free laminate

S11 Crème Ovang
S21 Blond Teak
S31 Golden Oak
S12N Valley Maple

S32 CP Maple***
S33N2 Honey Anigre
S23N Golden Birch
S13 Red Birch***

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* Available in exterior
** Available in 48” wide
***Available in both exterior and 48” wide
WOOD FINISHES - USG CEILINGS PLUS®

SARANTE®1,3 (CONT)

PVC free laminate

- S25 Natural Ovang
- S34 Cherry Anigre
- S14N Cinnamon Cherry
- S22 Oak Line

- S24N Grey Cedar
- S15 Blond Pear
- S37 Dark Jatoba**
- S36N European Cherry

- S16N Tan Sawn Oak
- S17 Dark Oak
- S27 Forest Walnut**
- S26 Earth Rosewood

- S18 Sable Walnut*
- S38 Natural Walnut*

Notes
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* Available in exterior
** Available in 48" wide
*** Available in both exterior and 48" wide
ENABLING YOU TO CREATE HIGH-PERFORMANCE SPACES THAT FUNCTION BEAUTIFULLY

CLEANROOMS

In the building industry, cleanrooms are defined as enclosed spaces that utilize air pressure and filters to control the amount of particulate matter in the air. A cleanroom has a controlled level of contamination that is specified by the number of particles per cubic meter for a given particulate size. Federal Standard 209E classifies cleanrooms from Class 1 to Class 100,000, whereas ISO 14644-1 classifies them from Class 1 to Class 9, as shown in the table below.

<table>
<thead>
<tr>
<th>Clean Room Classification</th>
<th>ISO 14644-1</th>
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<tbody>
<tr>
<td>No Comparable STND</td>
<td>Class 1</td>
</tr>
<tr>
<td>No Comparable STND</td>
<td>Class 2</td>
</tr>
<tr>
<td>Class 1</td>
<td>Class 3</td>
</tr>
<tr>
<td>Class 10</td>
<td>Class 4</td>
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<td>Class 100</td>
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<td>Class 1000</td>
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<td>Class 10,000</td>
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<td>Class 100,000</td>
<td>Class 8</td>
</tr>
<tr>
<td>No Comparable STND</td>
<td>Class 9</td>
</tr>
</tbody>
</table>

Our commitment to cleanroom technologies has enabled us to create a variety of ceiling systems that deliver the ultimate control in air quality. USG Clean Room™ Ceiling Systems feature a gasketed grid, hold-down clips, specific lighting fixtures and HEPA filters that are cleanroom-certified. Plus, USG Clean Room Ceiling Systems have been tested and certified by Acorn Industries, Inc.—the world’s experts in contamination control engineering. USG Clean Room Ceiling Systems enable you to create a room with superb air quality from floor to ceiling.

Our ceiling solutions deliver peace of mind knowing that your building and its occupants are prepared for whatever comes their way.

EXTERIOR CEILING SYSTEMS

From parking lots to sheltered walkways to carports, exterior ceilings are an essential part of the way we design and build today. They must be functional and aesthetic, complimenting the design of a structure while performing in a wide range of wind, temperature and moisture conditions.

For decades, USG Exterior Ceiling Systems have been utilized in a wide variety of exterior applications. From satisfying stringent performance requirements and design criteria to providing beauty and durability, USG exterior ceiling systems ensure you have a complete system that’s built to last, while also delivering a lasting impression.

USG offers numerous systems for use in exterior environments that are not directly exposed to the weather, such as under a soffit, parking garage, covered entrance or drive-through.

Each ceiling system combines a specially engineered suspension system with either traditional modules, elegant linear pans or metal panels creating a dynamic ceiling with clean, contemporary planes and, most importantly, performance at the highest level.

To learn more about USG Exterior Ceiling Systems, visit usg.com or cgcinc.com
SEISMIC SOLUTIONS

Seismic compliance is the use of approved systems and designs that meet the seismic requirements of a building project, delivering safety to occupants while maintaining the building’s function during and after seismic activity, such as an earthquake. Within those approved systems and designs are nonstructural components, which represent a high percentage of a project’s capital investment. The basic objectives of seismic design for nonstructural components are to provide life safety, minimize property loss and prevent functional loss. Failure of these components in an earthquake has the potential to cause harm, block exits, impede rescue efforts and disrupt the building’s function.

Since 1957, USG Donn® Brand Suspension Systems have set the standard, with the optimal combination of shape, size, steel gauge and connection details to produce the tightest systems available, with the greatest lateral and torsional stiffness. To this day, suspension systems from USG are proven to greatly exceed the lateral forces experienced in a seismic event.

To learn more about seismic design category, go to usg.com or cgcinc.com

FIRE RESISTANCE

In the building industry, fire resistance refers to a variety of factors that all play a role in how well materials prevent the starting and spreading of fire within a space or spaces. The universal fire-safety properties are described in terms of fire resistance, surface-burning characteristics and noncombustibility. Fire Resistance, Fire Endurance Rating or Fire-Rated: Fire-resistance ratings have long been used by UL/ULC, ASTM and building codes to measure the performance of various construction types for passive fire protection purposes. As applied to elements of buildings, the fire-resistance rating classifies the ability of an assembly to confine and isolate fire within a zone comprised of fire-resistant rated wall, ceiling and floor assemblies. The rating relates to the period of time the assembly will serve as a barrier to the spread of excessive heat and fire from one compartment to the next and how long the assembly will remain structurally stable under a standard fire exposure as defined by ASTM E119 or CAN/ULC-S101.

Flame Spread: The measure of a material’s relative surface-burning behavior. Both the flame spread and smoke developed are measured in accordance with ASTM E84 or CAN/ULC-S102.

Noncombustible Material Class A Designation: This is a material that will not burn or contribute considerable fuel to a fire, as determined through ASTM E136 or CAN/ULC-S114. This includes materials that may ignite but will not sustain a flame. In addition, Class A products will not produce excessive smoke that obscures visibility—an important factor in designing safe exits for building occupants. Class A though is not a fire-resistance designation.

At USG, we are proud to be the leader among building material manufacturers in providing products and systems designed to keep people safe from fire. Our patented Firecode® products are designed to meet the life-safety codes of your build.

To learn more about USG fire safety and fire-rated assemblies, see the right column of this page, visit usgdesignstudio.com or cgcdesignstudio.com

HOLDING OUR PRODUCTS TO THE HIGHEST INDUSTRY STANDARDS

At USG, we are proud to achieve UL certification in both our USG Donn® Brand Suspension Systems, as well as our acoustical tiles.

USG Donn® Brand Suspension Systems

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>UL Type Designation</th>
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<tbody>
<tr>
<td>USG DXL™ USG DXL™ Concealed—15/16” wide</td>
<td>DXL</td>
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<tr>
<td>USG DXLA™ Aluminum Cap—15/16” wide</td>
<td>DXLA</td>
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<tr>
<td>USG ZKLA™ Aluminum Cap Environmental—15/16” wide</td>
<td>ZKLA</td>
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<tr>
<td>USG Centricitee™ DXLT™ 9/16” wide, 1/4” bolt slot</td>
<td>DXLT</td>
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<tr>
<td>USG Fineline® DXLF™ 9/16” wide, 1/4” bolt slot</td>
<td>DXLF</td>
</tr>
<tr>
<td>USG Drywall Suspension System, DGL—15/16” wide</td>
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<td>DGLW</td>
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<td>USG Paraline® Linear Metal System</td>
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Acoustical Tiles

<table>
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<td>USG Fissured™ Basic</td>
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<td>USG Frost™ Basic</td>
<td>AP*</td>
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<td>USG Glacier™ Basic</td>
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<tr>
<td>USG Radar™ Basic</td>
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<td>USG Radar™ Ceramic</td>
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<td>USG Radar™</td>
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<tr>
<td>USG Radar™ High-NRC/High-CAC</td>
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<tr>
<td>USG Radar™ Illusion™</td>
<td>FR-83</td>
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<td>USG Radar™ Education</td>
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<tr>
<td>USG Sandrift™ Basic</td>
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<td>USG Shetrock™ Brand Lay-In Panels</td>
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<tr>
<td>USG Touchstone™</td>
<td>FR-83</td>
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*AP = AP, AP-1, AP-2, AP-3

To learn more about USG fire safety and fire-rated assemblies, visit usgdesignstudio.com or cgcdesignstudio.com
USG Celebration™ Snap-In Metal Panels
Fulton State Hospital, Nixon Forensic Center in Fulton Co, MO
Architect: EYP Architecture & Engineering and WSP, Photo: ©Michael Robertson Photography