USG Ceiling Solutions

USG ORION™ ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

USG Orion™ Acoustical Panels with ClimaPlus™ Performance and USG Donn® Brand Identitee® DXI™ Acoustical Suspension System

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

Flat White
050

Fine-Textured Panel

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 Ecoblueprint™ 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

USG CGC
IT'S YOUR WORLD. BUILD IT.™

USG ORION™ ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

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.ecomedes.com

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS: UL.COM/GG UL 2818

30 YEAR LIMITED SYSTEM WARRANTY
- No Visible Sag
- Mold/Mildew Protection

HIGH RECYCLED CONTENT

ECOBLUEPRINT

Declare

				UL Classified							Recycled Content[1]	
Edge	Panel Size	Fire Rating	Item No.	NRC	CAC	LR[2]	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Total RC	Panel Cost
USG ORION™ 60												
SQ	**2'x2'x1/2"**	Class A	**62156**	0.60	23	0.87	White	A,B,C	Low		75%	**$**
	2'x4'x1/2"	Class A	**62157**	0.60	23	0.87	White	A,B	Low		75%	**$**
USG ORION™ 75												
SQ	**2'x2'x5/8"**	Class A	**62150**	0.75	24	0.87	White	A,B,C	Low		73%	**$$**
	2'x4'x5/8"	Class A	**62151**	0.75	24	0.87	White	A,B	Low		73%	**$$**
SLT	**2'x2'x5/8"**	Class A	**62152**	0.75	24	0.87	White	D	Low		73%	**$$**
	2'x4'x5/8"	Class A	**62153**	0.75	24	0.87	White	D	Low		73%	**$$**
FLB	**2'x2'x5/8"**	Class A	**62154**	0.75	24	0.87	White	E,F,G,H	Low		73%	**$$**
	2'x4'x5/8"	Class A	**62155**	0.75	24	0.87	White	E,F,G,H	Low		73%	**$$**
USG ORION™ 85												
SQ	**2'x2'x5/8"**	Class A	**62162**	0.85	24	0.87	White	A,B,C	Low		75%	**$$**
	2'x4'x5/8"	Class A	**62163**	0.85	24	0.87	White	A,B	Low		75%	**$$**
SLT	**2'x2'x5/8"**	Class A	**62164**	0.85	24	0.87	White	D	Low		75%	**$$**
	2'x4'x5/8"	Class A	**62165**	0.85	24	0.87	White	D	Low		75%	**$$**
FLB	**2'x2'x5/8"**	Class A	**62166**	0.85	24	0.87	White	E,F,G,H	Low		75%	**$$**
	2'x4'x5/8"	Class A	**62167**	0.85	24	0.87	White	E,F,G,H	Low		75%	**$$**

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.ecomedes.com and at spot.ul.com.

ClimaPlus™ Warranty Performance[3]
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 pre-consumer (post-industrial) and post-consumer recycled content per FTC guidelines.

GRID PROFILE OPTIONS

A USG DX®	B USG DXW™	C[4] USG Centricitee™ DXT™	D USG DX®	E USG Centricitee™ DXT™	F USG Fineline® DXF™	G USG Fineline® 1/8 DXFF™	H USG Identitee® DXI™

PHYSICAL DATA/ FOOTNOTES

Product literature
Data sheet: SC2648

ASTM E1264 classification
ASTM E1264-22 Type IV, Form 1 & 2, Pattern E & G
ASTM E1264-23 Type A, Form A2.1, 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
0.63 lb./sq. ft. 1/2" Mineral Fiber
0.71 lb./sq. ft. 5/8" Mineral Fiber

Online tools
usgdesignstudio.com, cgcdesignstudio.com or usg.ecomedes.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.

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. It is not recommended to mix panels with varying NRC values in the same ceiling plane.

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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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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