USG DANOLINE™
ACOUSTICAL PERFORATED GYPSUM
PERFORATION GUIDE
PERF.

By definition, perfection is excellence or completeness beyond improvement, exactly fitting a particular need or meeting a specific purpose. This is our goal with USG Danoline™ - a perforated panel that is elegant, yet durable and suitable for spaces of all kinds.

This guide will help you crate exceptional and memorable spaces for truly remarkable designs.

Start designing.

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UNDERSTAND YOUR SYSTEM

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OVERVIEW

LAY-IN PANELS
- Choose from one of six sophisticated perforations
- Flush and Recessed edge profiles
- 15/16” or 9/16” grid
- 2’ x 2’ or 2’ x 4’ panel sizes
- Acoustic performance up to NRC 0.80 depending on perforation.

WALL AND CEILING
- Select a panel pattern 2L2 or 2L4
- Four perforation options
- NRC values up to NRC 0.70 depending on perforation
- Higher acoustics achieved with added mineral fiber backer

DIRECT MOUNT PANELS
- Select a panel pattern 2L2, 2L4 or 3L1
- Five perforation options
- Factory applied acoustical backer provides 0.45 - 0.65 Sabins per square foot
- Higher values can be achieved with an additional fiberglass backer panel to achieve 0.80 - 1.25 Sabins per square foot
GRID & PANEL PROFILES
LAY-IN PANELS

A  DX
FLUSH WIDE (FW)

B  DXT
FLUSH NARROW (FN)

C  DX
RECESSED (SL)

D  DXT
RECESSED (FL)

E  DXI
RECESSED (FL)

F  DXF
RECESSED (FL)

G  DXFF
RECESSED (FL)
PERFORATION PATTERNS
USG DANOLINE™ LAY-IN PANELS

S3 | S9 PERFORATION
2’ X 2’ PANEL

C4 | C6 PERFORATION
2’ X 2’ PANEL

CV | O1 PERFORATION
2’ X 2’ PANEL
PERFORATION PATTERNS
USG DANOLINE™ LAY-IN PANELS

CV PERFORATION
2' X 4' PANEL

C6 PERFORATION
2' X 4' PANEL
PERFORATION PATTERNS
USG DANOLINE™ WALL & CEILING PANELS

S3 PERFORATION
2L2 PATTERN
4’ X 8’ PANEL

S9 PERFORATION
2L2 PATTERN
4’ X 8’ PANEL

S12 PERFORATION
2L2 PATTERN
4’ X 8’ PANEL

C6 PERFORATION
2L2 PATTERN
4’ X 8’ PANEL
PERFORATION PATTERNS
USG DANOLINE™ WALL & CEILING PANELS

S3 PERFORATION
2L4 PATTERN
4’ X 8’ PANEL

S9 PERFORATION
2L4 PATTERN
4’ X 8’ PANEL

S12 PERFORATION
2L4 PATTERN
4’ X 8’ PANEL

C6 PERFORATION
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PERFORATION PATTERNS
USG DANOLINE™ DIRECT MOUNT PANELS

S3 PERFORATION
2L2 PATTERN
4’ X 8’ PANEL

S9 PERFORATION
2L2 PATTERN
4’ X 8’ PANEL

S12 PERFORATION
2L2 PATTERN
4’ X 8’ PANEL
PERFORATION PATTERNS
USG DANOLINE DIRECT MOUNT PANELS

O1 PERFORATION
3L1 PATTERN
3’ X 8’ PANEL

C6 PERFORATION
2L2 PATTERN
4’ X 8’ PANEL
S9 PERFORATION
## C4 PERFORATION

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C6 PERFORATION
CV PERFORATION
PRODUCT INFORMATION
For the most up-to-date technical information, visit usgdesignstudio.com or cgcdesignstudio.com

CUSTOMER SERVICE
USG: 800 950-3839
CGC: 800 387-2690

TECHNICAL SERVICE
800 USG.4YOU (874-4968)

WEBSITES
usg.com
cgcinc.com
usgdesignstudio.com

cgcdesignstudio.com

SAMPLES/LITERATURE/FAX
USG: 866 528-7089
CGC: Contact Local Sales Rep

Product Information
USG Danoline™ Gypsum Walls And Ceilings Perforation Guide – IC760
USG Danoline™ Non Demountable Wall & Ceilings Panels, Acoustical Perforated Gypsum - Architectural Specification Sheet – IC763
USG Danoline™ Direct Mount Details – CAD Files – IC764
USG Danoline™ Wall & Ceilings Panel Details – CAD Files – IC765
USG Danoline™ Flush Lay-In Panel Details – CAD Files – IC766
USG Danoline™ Lay-In Panel Details – CAD Files – IC767
USG Danoline™ Compasso Elite Trim & Lay-In Panel Details – CAD Files – IC768
USG Danoline™ Lay-In Panels – CAD Files – IC769
USG Danoline™ Panels: Wall and Ceiling - BIM & CAD Drawings – IC770
USG Danoline™ Panels: Direct Mount Panels – BIM & CAD Drawings – IC771

See usg.com for the most up-to-date product information.

Installation
Must be installed in compliance with ASTM C636, ASTM E850, 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.

Code Compliance
The information presented is correct to the best of our knowledge at the date of issuance. Because codes continue to evolve, check with a local official prior to designing and installing a ceiling system. Other restrictions and exemptions may apply.

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.

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