

# USG DANOLINE™ LAY-IN PANELS

## ACOUSTICAL PERFORATED GYPSUM



USG Danoline™ Lay-in Panels  
Acoustical Perforated Gypsum

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TO ORDER SAMPLES, GO TO [USG.COM](http://USG.COM) OR [CGCINC.COM](http://CGCINC.COM)

### STANDARD COLORS



Flat White  
RAL 9003



Panels  
can be  
field  
painted

### 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

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

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TECHNICAL INFORMATION AND  
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usg.com  
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FOR LOW CHEMICAL  
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UL.COM/CG  
UL 2818

### USG DANOLINE™ LAY-IN PANELS

#### ACOUSTICAL PERFORATED GYPSUM

Edge	Panel Size	Mounting	Perforation	Fire Rating	Item No.	NRC <sup>1,2,4</sup>	LR <sup>3</sup>	Grid Options	% Open Area	VOC Emissions	Backer Color
FW 	2'x2'x1/2"	Flush Wide	CV O1	Class A	<b>22704</b> <b>22705</b>	0.50 0.80	72.2 70.9	A A	10.7% 22.2%	Low Low	White White
	2'x4'x1/2"	Flush Wide	C6	Class A	<b>22713</b>	0.65	72.8	A	11.4%	Low	Gray
FN 	2'x2'x1/2"	Flush Narrow	S3 O1	Class A	<b>22708</b> <b>22711</b>	0.75 0.80	69.2 70.9	B B	16.2% 23.8%	Low Low	White White
	2'x4'x1/2"	Recessed Wide	CV	Class A	<b>22747</b>	0.50	72.2	C	10.8%	Low	White
SL 	2'x2'x1/2"	Recessed Wide	S3 O1	Class A	<b>22739</b> <b>22738</b>	0.75 0.80	69.2 70.9	C C	15.7% 22.2%	Low Low	White White
	2'x4'x1/2"	Recessed Wide	CV	Class A	<b>22747</b>	0.50	72.2	C	10.8%	Low	White
FL 	2'x2'x1/2"	Recessed Narrow	S3 O1	Class A	<b>22727</b> <b>22726</b>	0.75 0.80	69.2 70.9	D, E, F, G D, E, F, G	16.2% 23.8%	Low Low	White White
	2'x4'x1/2"	Recessed Narrow	C6 CV	Class A	<b>22731</b> <b>22735</b>	0.65 0.50	72.8 72.2	D, E, F, G D, E, F, G	11.7% 10.8%	Low Low	Gray White

\*All panels come factory painted white. Panels can be field painted using low nap foam roller. Reference architectural specifications for more details.  
NRC values with factory applied acoustical backer. Additional acoustical backer options available for enhanced NRC performance. Contact a USG representative for more information.

### STANDARD PERFORATION PATTERNS

<b>C6 - Circles 1/4" [6 mm]</b> 	<b>CV - Circles Variable</b> 
<b>O1 - Obround 5/32" x 9/16" [4x14mm]</b> 	<b>S3 - Square 1/8" [3.5 mm]</b> 

### GRID PROFILE OPTIONS

<b>A</b> <b>USG DX®</b> <b>Flush Wide</b> 	<b>B</b> <b>USG DXT®</b> <b>Flush Narrow</b> 	<b>C4</b> <b>USG DX®</b> <b>Recessed Wide</b> 	<b>D</b> <b>USG Centricitee™</b> <b>DXT™ Recessed</b> 	<b>E</b> <b>USG Identitee® DXI™</b> <b>Recessed</b> 	<b>F</b> <b>USG Fineline® DXF™</b> <b>Recessed</b> 	<b>G</b> <b>USG Fineline® 1/8 DXFF™</b> <b>Recessed</b> 
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### PHYSICAL DATA

#### Additional documents and resources:

- Architectural Specification - IC762
- Perforation Guide - IC760
- CAD Details - IC766, IC767, IC768 & IC769

#### Online tools

usgdesignstudio.com or cgcdesignstudio.com

#### ASTM E1264 Classification

Type XX, Pattern C.

#### ASTME84 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. Acoustic values are measured with factory applied acoustical felt. Higher acoustical performance may be achieved by adding USG Mars™ High-NRC/High-CAC Acoustical Panels.
2. If CAC performance is required add USG Mars™ 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.

#### Notice

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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.

