

# USG DANOLINE™ LAY-IN PANELS

ACOUSTICAL PERFORATED GYPSUM



USG Danoline™ Lay-in Panels  
Acoustical Perforated Gypsum

Rendering  
©USG Corporation 2023.  
All rights reserved.

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

# USG DANOLINE™ LAY-IN PANELS ACOUSTICAL PERFORATED GYPSUM

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

FOR MOST UP-TO-DATE  
TECHNICAL INFORMATION AND  
USG SUSTAINABILITY TOOL  
usg.com  
cgcdesignstudio.com

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



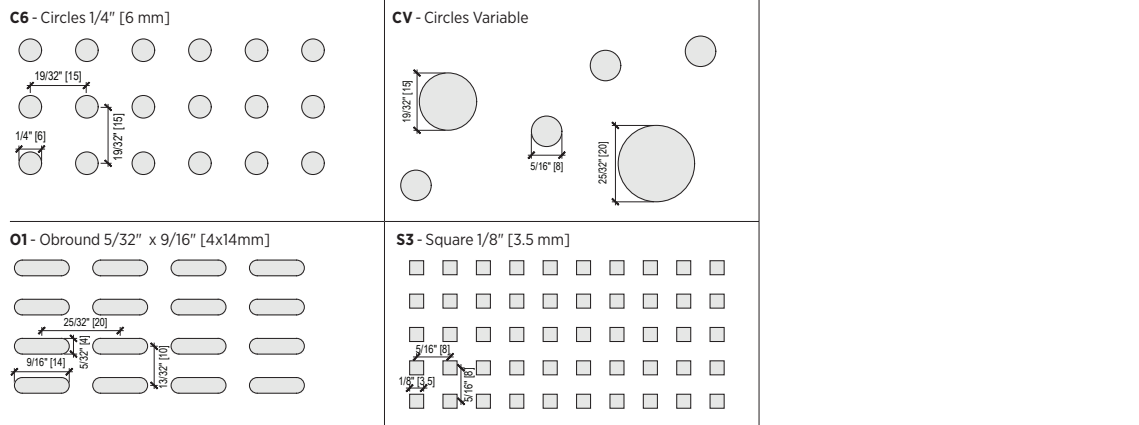
PRODUCT CERTIFIED  
FOR LOW CHEMICAL  
EMISSIONS:  
ULCOM/GG  
UL2818

## USG DANOLINE™ LAY-IN PANELS ACOUSTICAL PERFORATED GYPSUM

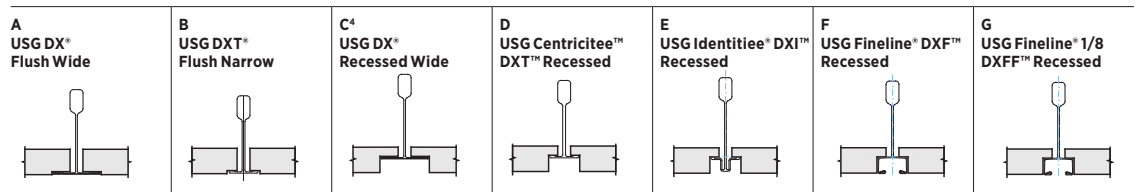
Edge	Panel Size	Mounting	Perforation	Fire Rating	Item No.	NRC <sup>1,2,4</sup>	LR <sup>2</sup>	Grid Options	% Open Area	VOC Emissions	Backer Color
FW 	2'x2'x1/2"	Flush Wide	CV	Class A	<b>22704</b>	0.50	72.2	A	10.7%	Low	White
	2'x4'x1/2"		O1	Class A	<b>22705</b>	0.80	70.9	A	22.2%	Low	White
FN 	2'x2'x1/2"	Flush Narrow	S3	Class A	<b>22708</b>	0.75	69.2	B	16.2%	Low	White
			O1	Class A	<b>22711</b>	0.80	70.9	B	23.8%	Low	White
SL 	2'x2'x1/2"	Recessed Wide	S3	Class A	<b>22739</b>	0.75	69.2	C	15.7%	Low	White
	2'x4'x1/2"		O1	Class A	<b>22738</b>	0.80	70.9	C	22.2%	Low	White
FL 	2'x2'x1/2"	Recessed Narrow	S3	Class A	<b>22727</b>	0.75	69.2	D, E, F, G	16.2%	Low	White
	2'x4'x1/2"		O1	Class A	<b>22726</b>	0.80	70.9	D, E, F, G	23.8%	Low	White
	2'x4'x1/2"	Recessed Narrow	C6	Class A	<b>22731</b>	0.65	72.8	D, E, F, G	11.7%	Low	Gray
			CV	Class A	<b>22735</b>	0.50	72.2	D, E, F, G	10.8%	Low	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 for panels with factory applied acoustical backer. Additional acoustical backer options available for enhanced NRC performance. Contact a USG representative for more information.

## STANDARD PERFORATION PATTERNS



## GRID PROFILE OPTIONS



## 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

ASTM E1264-22 Type XX, Pattern C  
 ASTM E1264-23 Type G, Form G1, Pattern C

### 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

- 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.
- If CAC performance is required add USG Mars™ High-NRC/High-CAC Acoustical Panels.
- LR values are shown as averages.
- NRC values estimated based on ISO 354 test results and presented for material in type E400 mounting, as described in ASTM E795.

### 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.

### IC757/rev. 10-23

© 2023 USG Corporation and/or its affiliates. All rights reserved. Printed in U.S.A.

Manufactured by Knauf Danoline, Denmark 9500 Hobro  
 Distributed by USG Interiors, LLC 550 West Adams Street Chicago IL 60661

The trademarks USG, CGC, CGC DESIGN STUDIO, DX, DXF, DXFF, DXI, DXT, CENTRICITEE, FINELINE, IDENTITEE, MARS, USG DESIGN STUDIO, IT'S YOUR WORLD. BUILD IT., the USG and CGC logos, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates. DANOLINE is a trademark of Knauf GmbH.

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.

