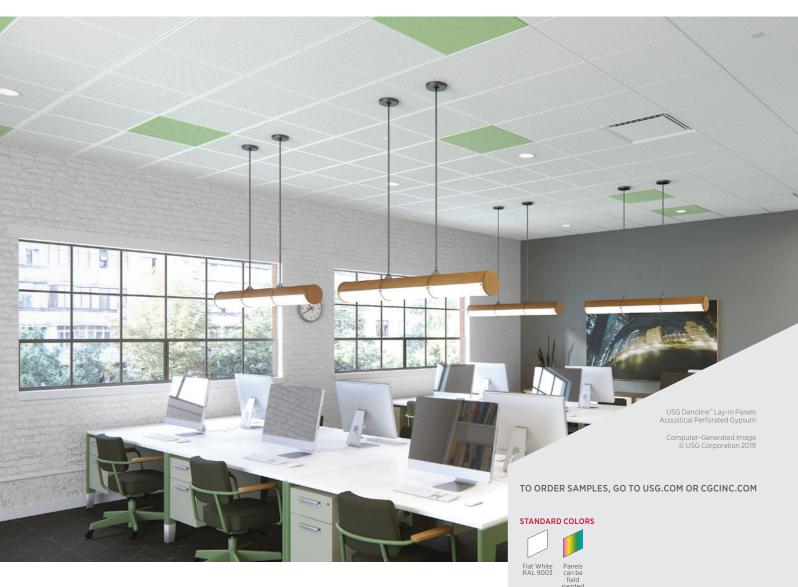


# **USG DANOLINE™ LAY-IN PANELS**

ACOUSTICAL PERFORATED GYPSUM



### **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

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

usg.com cgcdesignstudio.com

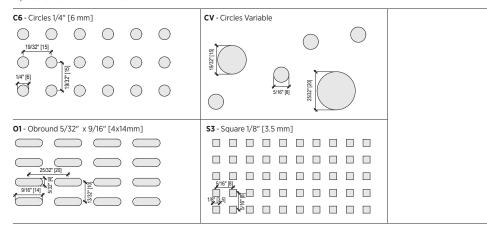


#### USG DANOLINE" LAY-IN PANELS ACOUSTICAL PERFORATED GYPSUM

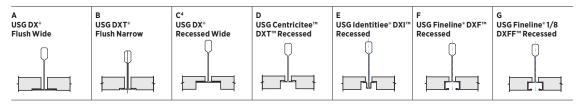
Edge	Panel Size	Mounting	Perforation	Fire Rating	Item No.	NRC <sup>1,2,4</sup>	LR <sup>3</sup>	Grid Options	% Open Area	VOC Emissions	Backer Color
				0		NRC	1	ø		3	
FW	2'x2'x1/2"	Flush Wide	CV 01	Class A Class A	22704 22705	0.50 0.80	72.2 70.9	A A	10.7% 22.2%	Low Low	White White
	2'x4'x1/2"	Flush Wide	C6	Class A	22713	0.65	72.8	А	11.4%	Low	Gray
FN	2'x2'x1/2"	Flush Narrow	S3 O1	Class A Class A	22708 22711	0.75 0.80	69.2 70.9	B B	16.2% 23.8%	Low Low	White White
SL	2'x2'x1/2"	Recessed Wide	S3 O1	Class A Class A	22739 22738	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	22747	0.50	72.2	С	10.8%	Low	White
FL	2'x2'x1/2"	Recessed Narrow	S3 O1	Class A Class A	22727 22726	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 Class A	22731 22735	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 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

Type XX, 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)

- felt. Higher acoustical performance may be achieved be 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
- A. 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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