

# USG CLEAN ROOM™ ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE



USG Clean Room™ Class  
10M-100M Acoustical Panels  
with ClimaPlus™ Performance/  
USG Donn® Brand DXLA™  
Acoustical Suspension System

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



Flat White  
050

## FEATURES AND BENEFITS

- USG Clean Room™ Class 100 and Class 10M-100M panels have an embossed, vinyl-laminated face with sealed back and edges for use in Class 100 (ISO 5) or 10M-100M (ISO 7) Clean Rooms.
- USDA Certified Biobased Product.<sup>®</sup>
- Firecode<sup>®</sup> product designed to meet life-safety codes.
- ClimaPlus™ 30-year limited system warranty against visible sag.

## APPLICATIONS

- Clean Rooms
- Laboratories
- Surgical Areas/Emergency Rooms
- Kitchens/Food Prep Areas (Class 100 only)

## SUBSTRATE

- Wet-formed Mineral Fiber

Smooth-Textured Panel, Class 100

Smooth-Textured Perforated Panel, Class 10M-100M

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**ORDER SAMPLES/LITERATURE**  
 USG: usg.com or samplitt@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  
 UL2818



UL Classified

Edge <sup>5</sup>	Panel Size	Fire Class <sup>2</sup>	Item No.	NRC <sup>4</sup>	CAC Min.	LR <sup>3</sup>	Color	Grid Options	Recycled Content <sup>1</sup>	Panel Cost
SQ 	2'x2'x5/8" Unperforated		56099	—	35	0.79	White	A,B,C,D,E	62%	\$\$\$
	2'x4'x5/8" Unperforated		56091	—	35	0.79	White	A,B,C,D,E	62%	\$\$\$
SQ 	2'x2'x5/8" Perforated		56060	0.55	35	0.79	White	A,B,C,D,E	62%	\$\$\$
	2'x4'x5/8" Perforated		56090	0.55	35	0.79	White	A,B,C,D,E	62%	\$\$\$

**Low Emissions (VOC)**

Certified for low emitting performance, meets CDPH 01350 v1.2 - 2017. Certificates of Compliance for Low VOC Emissions are available on usg.com and at usg.ecomedes.com.

**High Recycled Content**

USG classifies High Recycled Content as greater than 50%. Methodology of calculation based on FTC guidelines.

**Firecode®**

**GRID PROFILE OPTIONS**

A USG DXL™	B USG DXLA™	C USG ZXLA™	D USG AX™	E <sup>6</sup> USG DXWCE™

**PHYSICAL DATA**

**ASTM E1264 classification**

Class 100:  
 ASTM E1264-22 Type X, Pattern G & I  
 ASTM E1264-23 Type A, Form A4.2, Pattern G & I

Class 10M-100M:  
 ASTM E1264-22 Type X, Pattern C, G, & I  
 ASTM E1264-23 Type A, Form A4.2, Pattern C, G, & I

**ASTM E84 and CAN/ULC S102 surface-burning characteristics**

Class A  
 Flame spread: 25 or less  
 Smoke developed: 50 or less

**UL Type**

M

**Weight**

1.1 lb./sq. ft. (Class 100 panels)  
 1.2 lb./sq. ft. (Class 10M-100M panels)

**Online tools**

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

**Thermal resistance**  
 R-1.6

**Maximum backloading**  
 See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

**Maintenance**  
 Can be cleaned easily with a damp sponge, mild detergent and water. Do not use acetate, ammonia, or highly concentrated chlorine, bromide or other harsh chemicals.

**Metric sizes available**  
 Contact sales for minimum quantities and lead times.

**Notes**

- For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- Firecode® products are approved for use in fire-resistance rated UL designs, where the designs allow for the UL Type Designation.
- LR values are shown as averages.
- USG does not consider a ceiling panel to be acoustically rated if NRC is less than 0.50.
- Field-cut edges of USG Clean Room™ panels should be sealed with white latex paint.
- Cleanroom-rated applications require a suspension system with gasketed tee flanges such as USG Donn® Brand AXCE™, DXCE™, DXWCE™ or DXACE™.
- Not intended for kitchen/food prep applications. Use unperforated product (Class 100)—item numbers 56099 and 56091.
- This product has achieved both BioPreferred initiatives: Federal Procurement Preference and Certified Product Labeling. See the complete listing of all USG ceiling panels on biopreferred.gov website.

**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.

