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 OR CGCINC.COM

Flat White 050

Smooth-Textured Panel, Class 100

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

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.[8]
- Firecode® 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

USG **CGC**

IT'S YOUR WORLD. BUILD IT.™

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ORDER SAMPLES/LITERATURE
USG: usg.com or samplit@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
UL 2818

GREENGUARD GOLD

30 YEAR LIMITED SYSTEM WARRANTY
• No Visible Sag
• Mold/Mildew Protection

HRC HIGH RECYCLED CONTENT

USDA CERTIFIED BIOBASED PRODUCT
PRODUCT 89%

UL Classified

	Edge[5]	Panel Size	Fire Rating[2]	Item No.	NRC[4]	CAC Min.	LR[3]	Color	Grid Options	Recycled Content[1]	Panel Cost
			🔥		NRC	CAC	💡		▦	HRC	$
USG CLEAN ROOM™ CLASS 100 (ISO 5) PANELS	SQ	2'x2'x5/8" Unperforated	🔥	56099	—	35	0.79	White	A,B,C,D,E	62%	$$$
		2'x4'x5/8" Unperforated	🔥	56091	—	35	0.79	White	A,B,C,D,E	62%	$$$
USG CLEAN ROOM™ CLASS 10M-100M (ISO 7) PANELS[7]	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)**
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). 'Certificates of Compliance' for Low VOC Emissions are available on usg.ecomedes.com and at spot.ul.com.

HRC **High Recycled Content**
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of pre-consumer (post-industrial) and post-consumer recycled content per FTC guidelines.

🔥 **Firecode®**

GRID PROFILE OPTIONS

A USG DXL™	B USG DXLA™	C USG ZXLA™	D USG AX™	E[6] USG CE™

PHYSICAL DATA

Product literature
Data sheet: SC1811

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
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.

2. Firecode® products are approved for use in fire-resistance rated UL designs, where the designs allow for the UL Type Designation.

3. LR values are shown as averages.

4. NRC rating for USG Clean Room™ ClimaPlus™ Class 100 panels is 0.10. USG does not consider a ceiling panel to be acoustically rated if NRC is less than 0.50.

5. Field-cut edges of USG Clean Room™ panels may be sealed with white latex paint.

6. Clean Room-rated applications require a suspension system with gasketed tee flanges such as USG Donn® Brand CE.™

7. Not intended for kitchen/food prep applications. Use unperforated product (Class 100)—item numbers 56099 and 56091.

8. 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.

USG **CGC**