

# 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](http://usg.com) or [samplitt@usg.com](mailto:samplitt@usg.com)  
CGC: contact Sales Representative

FOR MOST UP-TO-DATE  
TECHNICAL INFORMATION  
AND LEED REPORT TOOL  
[usgdesignstudio.com](http://usgdesignstudio.com)  
[cgcdesignstudio.com](http://cgcdesignstudio.com)  
[usg.ecomedes.com](http://usg.ecomedes.com)

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



PRODUCT CERTIFIED  
FOR LOW CHEMICAL  
EMISSIONS:  
ULCOM/GG  
UL 2818



USG CLEAN ROOM™  
CLASS 100  
(ISO 5) PANELS

USG CLEAN ROOM™  
CLASS 10M-100M  
(ISO 7) PANELS<sup>7</sup>

GRID PROFILE OPTIONS

PHYSICAL DATA

| 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<br>            | 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<br>            | 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](http://usg.com) and at [usg.ecomedes.com](http://usg.ecomedes.com).

High Recycled Content

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

Firecode®

| A<br>USG DXL™ | B<br>USG DXLA™ | C<br>USG ZXLA™ | D<br>USG AX™ | E <sup>8</sup><br>USG DXWCE™ |
|---------------|----------------|----------------|--------------|------------------------------|
|               |                |                |              |                              |

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](http://usgdesignstudio.com), [cgcdesignstudio.com](http://cgcdesignstudio.com)  
or [usg.ecomedes.com](http://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](http://usgdesignstudio.com) or [cgcdesignstudio.com](http://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](http://biopreferred.gov) website.

Notice

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SC1811/rev. 7-25

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Chicago, IL 60661

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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.

