

# USG FROST™/USG FROST™ HIGH-LR ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

USG Frost™ High-LR Acoustical Panels with ClimaPlus™ Performance, and USG Donn® Brand Identitee® DXI™ Acoustical Suspension System

## FEATURES AND BENEFITS

- Balanced Acoustics.
- Excellent combination of noise reduction (up to NRC-0.75) and sound attenuation (up to CAC-40) for use in mixed (open-plan/closed-plan) office design.
- VOC emissions meet CA Specification 01350.
- USDA Certified Biobased Product.<sup>6</sup>
- High light-reflective finish (up to LR-0.89) reduces light fixtures and energy use.
- Damage-resistant panels with impact resistance (ASTM C367) and integral color help to reduce the overall cost of ownership.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- USG Frost™/USG Frost™ High-LR Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today's sustainability standards. For sustainability documentation go to [USG.com](http://USG.com) or [CGCInc.com](http://CGCInc.com).

## APPLICATIONS

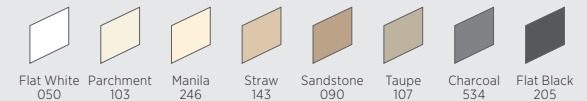
- Healthcare (HIPAA requirements)
- Schools (ANSI S12.60 classroom guidelines)
- Government projects (ACOE performance requirements)
- Mixed office design
- Closed- or open-plan offices
- Media centers/libraries

## SUBSTRATE

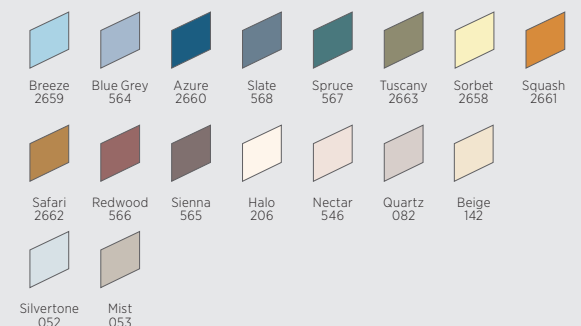
- Cast mineral fiber

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

### STANDARD COLORS



### ADVANTAGE COLORS



### PREMIUM COLORS



Limited color options available. See Ceiling Solutions Color Program for details.

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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



PRODUCT CERTIFIED  
FOR LOW CHEMICAL  
EMISSIONS:  
ULCOM/CG  
UL2818



UL Classified

| Edge | Panel Size            | Fire Rating | Item No. | NRC  | CAC Min. <sup>2</sup> | LR <sup>3</sup> | Color <sup>4</sup>               | Grid Options | VOC Emissions | Anti-Mold & Mildew | Abuse Resistant | Recycled Content <sup>1</sup> | Panel Cost |
|------|-----------------------|-------------|----------|------|-----------------------|-----------------|----------------------------------|--------------|---------------|--------------------|-----------------|-------------------------------|------------|
|      |                       |             |          |      |                       |                 |                                  |              |               |                    |                 |                               |            |
| SLB  | 2'x2'x3/4" Paper-Back | Class A     | 414      | 0.70 | 36                    | 0.84            | White Standard Advantage Premium | A            | Low           |                    |                 | 69%                           | \$\$\$     |
| FL   | 2'x2'x3/4" Paper-Back | Class A     | 418      | 0.70 | 38/40                 | 0.84            | White Standard Advantage Premium | B,C,D,E      | Low           |                    |                 | 69%                           | \$\$\$     |
| FLB  | 2'x2'x3/4" Paper-Back | Class A     | 419      | 0.70 | 38/40                 | 0.84            | White Standard Advantage Premium | F,G,H,I      | Low           |                    |                 | 69%                           | \$\$\$     |
| SLB  | 2'x2'x3/4" Paper-Back | Class A     | 490      | 0.75 | 35                    | 0.89            | White                            | A            | Low           |                    |                 | 69%                           | \$\$\$     |
| FLB  | 2'x2'x3/4" Paper-Back | Class A     | 491      | 0.75 | 35                    | 0.89            | White                            | F,G,H,I      | Low           |                    |                 | 69%                           | \$\$\$     |

## USG FROST™ PANELS

## USG FROST™ HIGH-LR PANELS

### 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.com and at spot.ul.com.

### ClimaPlus™ Warranty Performance<sup>5</sup>

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

### High Recycled Content

USG classifies High Recycled Content as greater than 50%. Total recycled content is based on composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

### Abuse Resistant

## GRID PROFILE OPTIONS

| A<br>USG<br>DX <sup>6</sup> | B<br>USG<br>Centricitee™<br>DXT™ | C<br>USG Finline™<br>DXF™ | D<br>USG Finline™<br>1/8 DXFF™ | E<br>USG Identitee™<br>DXI™ | F<br>USG<br>Centricitee™<br>DXT™ | G<br>USG Finline™<br>DXF™ | H<br>USG Finline™<br>1/8 DXFF™ | I<br>USG Identitee™<br>DXI™ |
|-----------------------------|----------------------------------|---------------------------|--------------------------------|-----------------------------|----------------------------------|---------------------------|--------------------------------|-----------------------------|
|                             |                                  |                           |                                |                             |                                  |                           |                                |                             |

## PHYSICAL DATA/ FOOTNOTES

**Product literature**  
Data sheet: SC1968

**ASTM E1264 classification**  
Type III, Form 4, Pattern E

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

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

**Weight**  
1.51-1.86 lb./sq. ft.

**Thermal resistance**  
R-1.7

**Online tools**  
usgdesignstudio.com or cgcdesignstudio.com

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

**Maintenance**  
Can be cleaned easily with a soft brush or vacuum.

**Texture**  
The manufacturing process for cast ceiling panels creates natural, subtle texture variations, which is a distinguishing feature of these products. Because of potential variances between production dates, we recommend ordering and installing cast products by production lot number.

### Notes

- For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- Item Nos. 418 and 419 achieve 40 CAC when installed with USG Donn® Brand Finline™ or Finline 1/8 suspension system.
- LR values are shown as averages.
- See Colors selector for more information.
- For details, see *USG 30-Year Limited System Warranty Commercial Applications* (SC2102).
- 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.
- Select custom color panels are available in limited sizes and edge profiles. Minimum order quantities apply. Please contact your local sales representative for availability, pricing, minimum order quantities and lead times.

### Notice

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SC1968/rev. 3-23  
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550 West Adams Street  
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.

