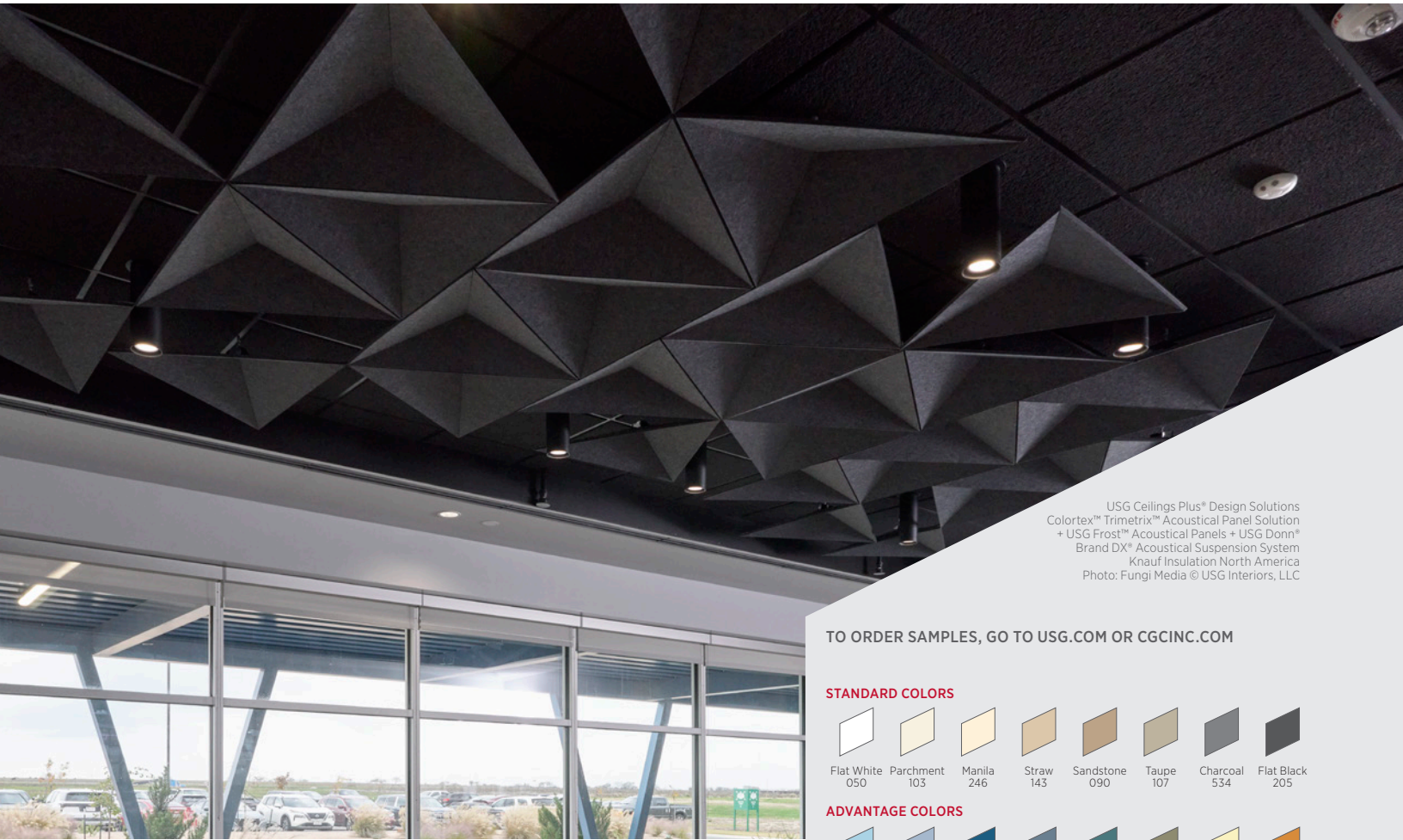


# USG FROST™/USG FROST™ HIGH-LR ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE



USG Ceilings Plus® Design Solutions  
Colortex™ Trimetrix™ Acoustical Panel Solution  
+ USG Frost™ Acoustical Panels + USG Donn®  
Brand DX® Acoustical Suspension System  
Knauf Insulation North America  
Photo: Fungi Media © USG Interiors, LLC

## 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

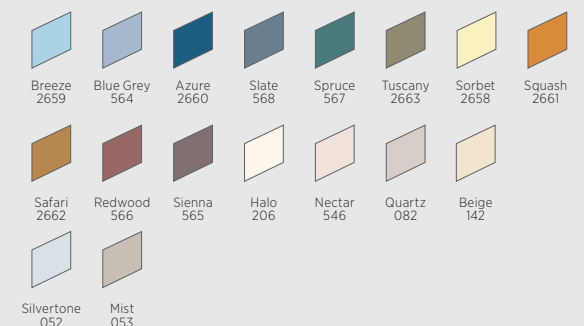
- Cast Mineral Fiber

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

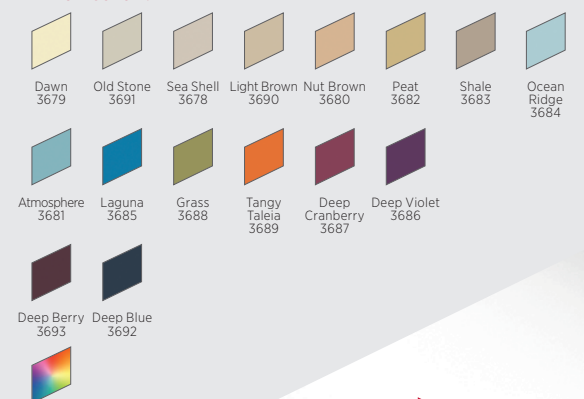
### STANDARD COLORS



### 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

FOR MOST UP-TO-DATE  
TECHNICAL INFORMATION  
AND LEED REPORT TOOL  
usgdesignstudio.com  
cgcdesignstudio.com  
usg.ecomedes.com

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



PRODUCT CERTIFIED  
FOR LOW CHEMICAL  
EMISSIONS:  
ULCOM/CG  
UL2818



UL Classified

Edge	Panel Size	Fire Class	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
<b>USG FROST™ PANELS</b>													
SLB	2'x2'x3/4" Paper-Back	Class A	414	0.70	36	0.84	White, color <sup>4</sup>	A	Low			72%	\$\$\$
FL	2'x2'x3/4" Paper-Back	Class A	418	0.70	38/40	0.84	White, color <sup>4</sup>	B,C,D,E	Low			72%	\$\$\$
FLB	2'x2'x3/4" Paper-Back	Class A	419	0.70	38/40	0.84	White, color <sup>4</sup>	F,G,H,I	Low			72%	\$\$\$
<b>USG FROST™ HIGH-LR PANELS</b>													
SLB	2'x2'x3/4" Paper-Back	Class A	490	0.75	35	0.89	White	A	Low			72%	\$\$\$
FLB	2'x2'x3/4" Paper-Back	Class A	491	0.75	35	0.89	White	F,G,H,I	Low			72%	\$\$\$

### 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.

### 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%. Methodology of calculation based on FTC guidelines.

### Abuse Resistant

### GRID PROFILE OPTIONS

A USG DX*	B USG Centricitee™ DXT™	C USG Fineline® DXF™	D USG Fineline® 1/8 DXFF™	E USG Identitee® DXI™	F USG Centricitee™ DXT™	G USG Fineline® DXF™	H USG Fineline® 1/8 DXFF™	I USG Identitee® DXI™

### PHYSICAL DATA

**ASTM E1264 classification**  
ASTM E1264-22 Type III, Form 4, Pattern E  
ASTM E1264-23 Type A, Form A1.4, 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, cgcdesignstudio.com or usg.ecomedes.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 Fineline® or Fineline 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.
- Additional panel colors are available. Please contact your local sales representative for details.

### Notice

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SC1968/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.

