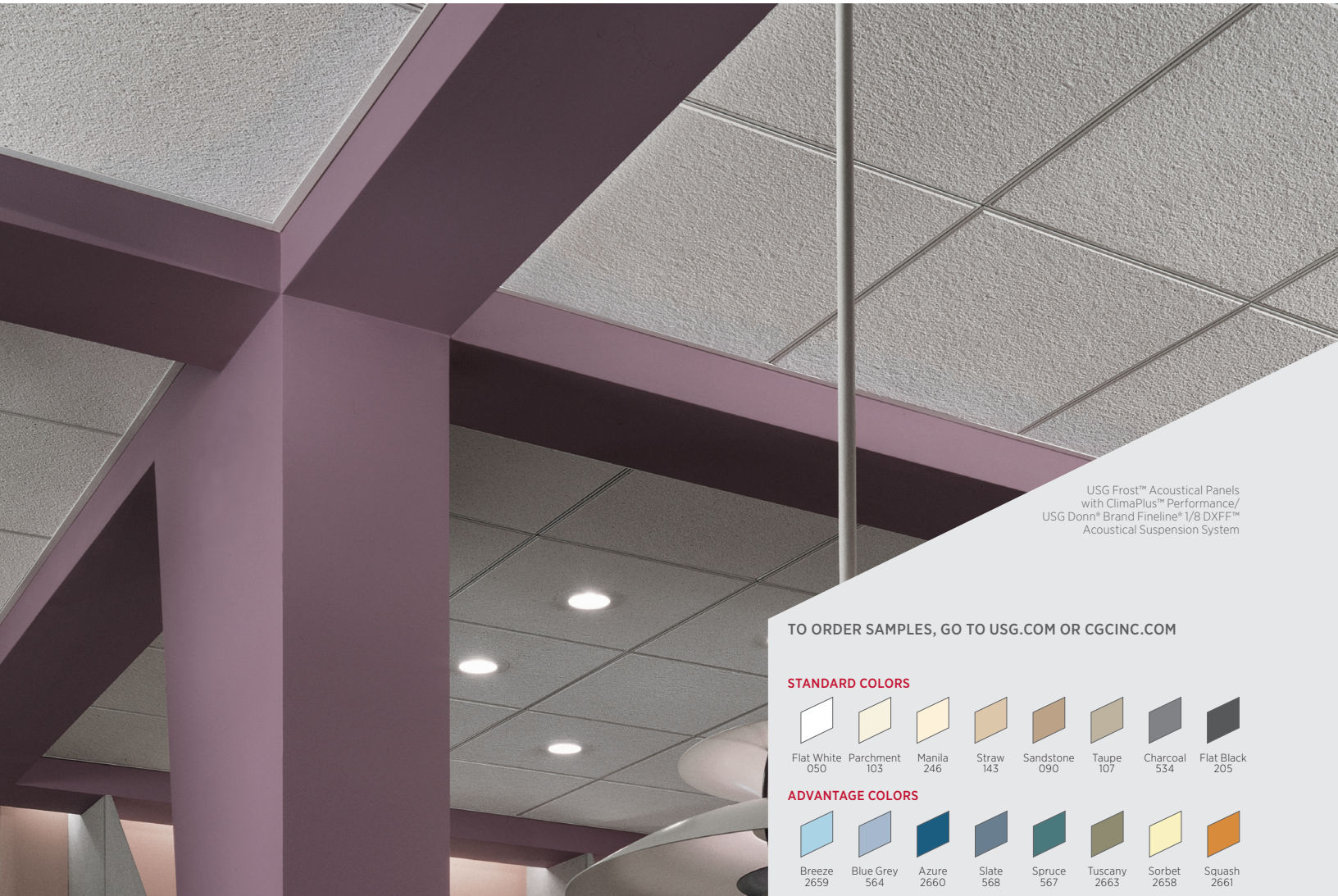


# USG FROST™/USG FROST™ HIGH-NRC/ HIGH-CAC ACOUSTICAL PANELS

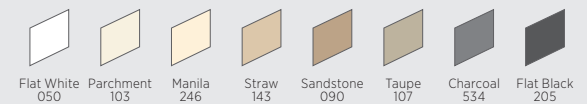
CLIMAPLUS™ PERFORMANCE



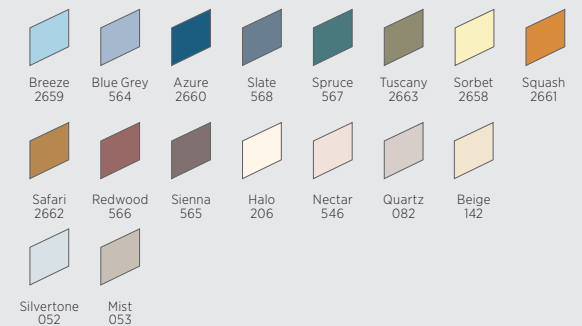
USG Frost™ Acoustical Panels  
with ClimaPlus™ Performance/  
USG Donn® Brand Finline® 1/8 DXFF™  
Acoustical Suspension System

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

## STANDARD COLORS



## ADVANTAGE COLORS



## PREMIUM COLORS



## FEATURES AND BENEFITS

- Balanced Acoustics. High-NRC and High-CAC.
- Excellent combination of noise reduction (up to NRC-0.80) and sound attenuation (up to CAC-40) for use in mixed (open-plan/closed-plan) office design.
- Zero VOC emissions exceed 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.

## 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

# USG FROST™/USG FROST™ HIGH-NRC/ HIGH-CAC ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

ORDER SAMPLES/LITERATURE  
USG: [samplitt@usg.com](mailto:samplitt@usg.com)  
fax: 888 874-2348 | [usg.com](http://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)

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



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



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
<b>USG FROST™ PANELS</b>													
SLB	2'x2'x3/4" Paper-Back	Class A	414	0.70	36	0.84	White Standard Advantage Premium	A	Zero			72%	\$\$\$
FL	2'x2'x3/4" Paper-Back	Class A	418	0.70	38/40	0.84	White Standard Advantage Premium	B,C,D,E	Zero			72%	\$\$\$
FLB	2'x2'x3/4" Paper-Back	Class A	419	0.70	38/40	0.84	White Standard Advantage Premium	F,G,H,I	Zero			72%	\$\$\$
<b>USG FROST™ HIGH-NRC/ HIGH-CAC PANELS</b>													
SLB	2'x2'x7/8" Paper-Back	Class A	484	0.80	38	0.89	White	A	Zero			73%	\$\$\$
FL	2'x2'x7/8" Paper-Back	Class A	488	0.80	38/40	0.89	White	B,C,D,E	Zero			73%	\$\$\$
FLB	2'x2'x7/8" Paper-Back	Class A	489	0.80	38/40	0.89	White	F,G,H,I	Zero			73%	\$\$\$
<b>USG FROST™ HIGH-LR PANELS</b>													
SLB	2'x2'x3/4" Paper-Back	Class A	490	0.75	36	0.89	White	A	Zero			72%	\$\$\$
FLB	2'x2'x3/4" Paper-Back	Class A	491	0.75	36	0.89	White	F,G,H,I	Zero			72%	\$\$\$

**Zero Emissions (VOC)**

Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v1.1 - 2010 (CA Section 01350). 'Certificates of Compliance' for Low VOC Emissions are available on [usg.com](http://usg.com) and at [productguide.ulenvironment.com](http://productguide.ulenvironment.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**

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

**Abuse Resistant**

**GRID PROFILE OPTIONS**

A USG DX™/DXL™	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/  
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**  
1.60-1.85 lb./sq. ft.

**Thermal resistance**  
R-17

**Online tools**  
[usgdesignstudio.com](http://usgdesignstudio.com) or [cgcdesignstudio.com](http://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 variations between production dates, we recommend ordering and installing cast products by production lot number.

**Notes**

- For details, see LEED report tool at [usgdesignstudio.com](http://usgdesignstudio.com) or [cgcdesignstudio.com](http://cgcdesignstudio.com).
- Item Nos. 418, 419, 488 and 489 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) and *ClimaPlus™ Ceilings Certification of Performance* (SC2451).
- 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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SC1968/rev. 11-16  
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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.

