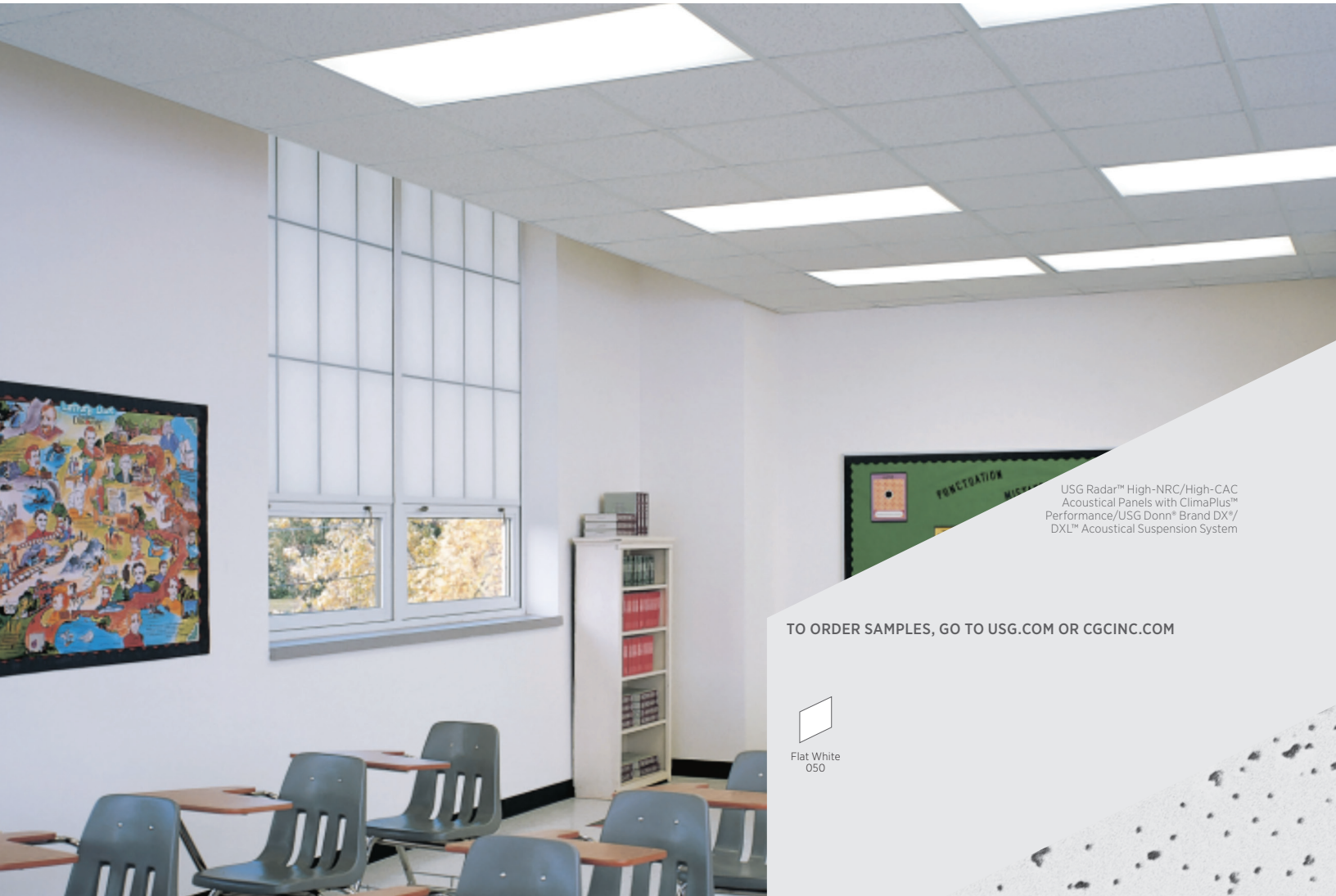


# USG RADAR™ EDUCATION ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE



USG Radar™ High-NRC/High-CAC  
Acoustical Panels with ClimaPlus™  
Performance/USG Donn® Brand DX\*/  
DXL™ 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

- Nondirectional pattern reduces installation time and waste.
- Excellent sound absorption.
- Balanced Acoustics. High-NRC and High-CAC.
- Available with 40 CAC for increased room-to-room speech privacy and 0.70 NRC for greater sound control in classrooms.
- High-NRC/High-CAC formulation helps comply with ANSI S12.60 classroom guidelines (LEED for Schools).<sup>6</sup>
- High-durability panels are 55% more durable than standard panels.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- Optional Firecode® product designed to meet life-safety codes.
- USDA Certified Biobased Product.<sup>7</sup>

## APPLICATIONS

- Classrooms
- Offices
- Cafeterias
- Music rooms
- Corridors
- Libraries/media rooms

## SUBSTRATE

- Wet-formed mineral fiber

Lightly Textured Panel



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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  
UL2818



UL Classified

Edge	Panel Size	Fire Rating <sup>2</sup>	Item No.	NRC	CAC Min.	LR <sup>3</sup>	Color <sup>5</sup>	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Abuse Resistant	Recycled Content <sup>1</sup>	Panel Cost
SQ 	2'x2'x5/8"	Class A	2207	0.55	35	0.84	White	A,B,C	Low			42%	\$\$
	2'x4'x5/8"	Class A	2407	0.55	35	0.84	White	A,C	Low			42%	\$\$
SLT 	2'x2'x5/8"	Class A	2227	0.55	35	0.84	White	D	Low			42%	\$\$
SQ 	2'x2'x7/8"	Class A	22421	0.70	35	0.84	White	A,B,C	Low		—	43%	\$\$
	2'x2'x3/4"		22111	0.70	35	0.84	White	A,B	Low		—	57%	\$\$
SLT 	2'x2'x7/8"	Class A	22350	0.70	35	0.84	White	D	Low		—	43%	\$\$
	2'x2'x3/4"		22121	0.70	35	0.84	White	D	Low		—	57%	\$\$
FLB 	2'x4'x3/4"		22122	0.70	35	0.84	White	D	Low		—	57%	\$\$
	2'x2'x7/8"	Class A	22370	0.70	35	0.84	White	E,F,G,H	Low		—	43%	\$\$
SQ 	2'x2'x3/4"		22127	0.70	35	0.84	White	E,I	Low		—	57%	\$\$
	2'x4'x7/8"	Class A	22441	0.70	40	0.84	White	A,C	Low		—	43%	\$\$
SLT 	2'x4'x3/4"		22541	0.70	40	0.84	White	A	Low		—	57%	\$\$
	2'x2'x3/4"		22523	0.70	40	0.84	White	D	Low		—	57%	\$\$
SQ 	2'x4'x7/8"	Class A	22360	0.70	40	0.84	White	D	Low		—	43%	\$\$

### Low 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>4</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.

### Firecode®

Abuse Resistant

## GRID PROFILE OPTIONS

A USG DX®/DXL™	B <sup>8</sup> USG Centricitee™ DXLT™	C USG DXW™	D USG DX'/DXL™	E USG Centricitee™ DXT™/DXLT™	F USG Fineline® DXF™	G USG Fineline® 1/8 DXFF™	H USG Identitee® DXI™	I USG Fineline® DXLI™

## PHYSICAL DATA/ FOOTNOTES

**Product literature**  
Data sheet: SC2514

**ASTM E1264 classification**  
Type III, Form 2, Pattern CE

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

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

**UL Type**  
FR-83

**Weight**  
1.15–1.36 lb./sq. ft.

**Online tools**  
[usgdesignstudio.com](http://usgdesignstudio.com) or [cgcdesignstudio.com](http://cgcdesignstudio.com)

**Thermal resistance**  
R-1.6 (5/8" panels)  
R-1.9 (3/4" panels)  
R-1.8 (7/8" panels)

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

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

**High-durability panels**  
Ball hardness as tested per ASTM C367.

**Metric sizes available**  
Contact sales for minimum quantities and lead times.

### Notes

- For details, see LEED report tool at [usgdesignstudio.com](http://usgdesignstudio.com) or [cgcdesignstudio.com](http://cgcdesignstudio.com).
- Fire-rated items: see UL design details.
- LR values are shown as averages.
- Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see *USG 30-Year Limited System Warranty Commercial Applications* (SC2102) and *ClimaPlus™ Ceilings Certification of Performance* (SC2451).

- No Flat Black or "Deeptones" are available on reveal edge or USG Radar™ Firecode® panel.
- Helps comply with ANSI S12.60 classroom guidelines and LEED for Schools EQ prerequisite 3: Min. Acoustical Performance.
- 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.
- Maximum 2'x2' with SQ edge panels.

### Notice

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SC2514/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.

