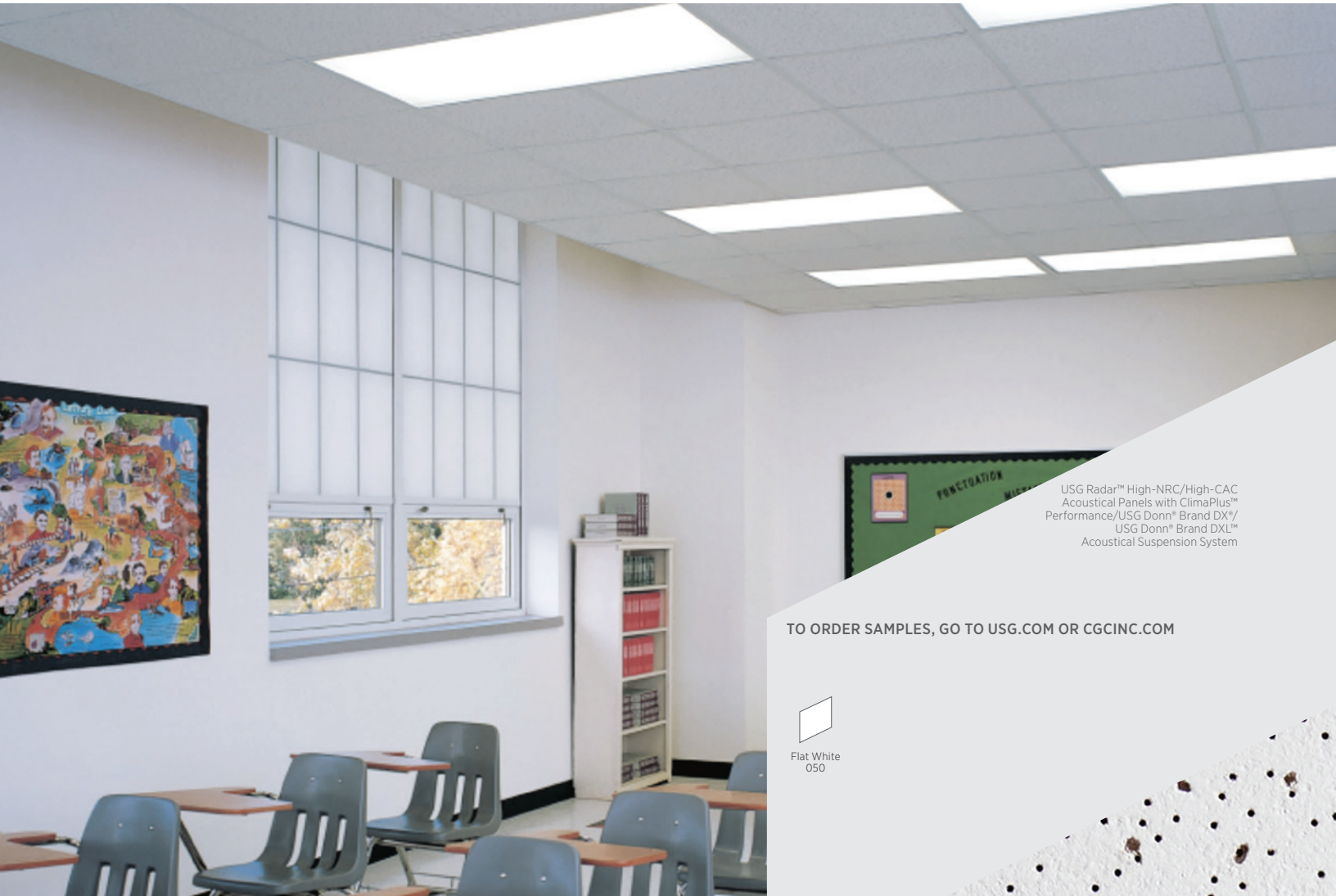# USG RADAR™ EDUCATION ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

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

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

Flat White 050

Lightly Textured Panel

FEATURES AND BENEFITS

- Nondirectional pattern reduces installation time and waste.
- Excellent sound absorption.
- Balanced Acoustics. NRC and 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).[6]
- 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.[7]

APPLICATIONS

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

SUBSTRATE

- Wet-formed mineral fiber

USG **CGC**

IT'S YOUR WORLD. BUILD IT.™

USG RADAR™ EDUCATION ACOUSTICAL PANELS
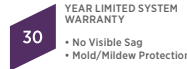## CLIMAPLUS™ PERFORMANCE

ORDER SAMPLES/LITERATURE
USG: usg.com or samplit@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

GREENGUARD GOLD — PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS: UL.COM/GG UL 2818

30 YEAR LIMITED SYSTEM WARRANTY • No Visible Sag • Mold/Mildew Protection

BA BALANCED ACOUSTICS

10 YEAR AVAILABILITY 22111, 22121, 22127

HRC HIGH RECYCLED CONTENT

USDA CERTIFIED BIOBASED PRODUCT PRODUCT 89%

UL Classified

	Edge	Panel Size	Fire Rating[2]	Item No.	NRC	CAC Min.	LR[3]	Color[5]	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Abuse Resistant	Recycled Content[1]	Panel Cost
USG RADAR™ HIGH DURABILITY (High-traffic areas, corridors and cafeterias)	SQ	2'x2'x5/8"	Class A	2207	0.55	35	0.84	White	A,B,C	Low	✓	✓	26%	$$
		2'x4'x5/8"	Class A	2407	0.55	35	0.84	White	A,B	Low	✓	✓	26%	$$
	SLT	2'x2'x5/8"	Class A	2227	0.55	35	0.84	White	D	Low	✓	✓	26%	$$
USG RADAR™ HIGH-NRC[6,7] (Libraries, offices and classrooms)	SQ	2'x2'x7/8"	Class A	22421	0.70	35	0.84	White	A,B,C	Low	✓	—	38%	$$
		2'x2'x3/4"	Firecode	22111	0.70	35	0.84	White	E,F	Low	✓	—	57%	$$
	SLT	2'x2'x7/8"	Class A	22350	0.70	35	0.84	White	D	Low	✓	—	38%	$$
		2'x2'x3/4"	Firecode	22121	0.70	35	0.84	White	G	Low	✓	—	57%	$$
		2'x4'x3/4"	Firecode	22122	0.70	35	0.84	White	G	Low	✓	—	57%	$$
	FLB	2'x2'x7/8"	Class A	22370	0.70	35	0.84	White	H,I,J,K	Low	✓	—	38%	$$
		2'x2'x3/4"	Firecode	22127	0.70	35	0.84	White	L,M	Low	✓	—	57%	$$
USG RADAR™ HIGH-NRC/HIGH-CAC[6,7] (Classrooms and other core learning spaces)	SQ	2'x4'x7/8"	Class A	22441	0.70	40	0.84	White	A,B	Low	✓	—	38%	$$
		2'x4'x3/4"	Firecode	22541	0.70	40	0.84	White	E	Low	✓	—	57%	$$
	SLT	2'x2'x3/4"	Firecode	22523	0.70	40	0.84	White	G	Low	✓	—	57%	$$
		2'x4'x7/8"	Class A	22360	0.70	40	0.84	White	D	Low	✓	—	38%	$$

◁ 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[4]
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.

HRC High Recycled Content
USG classifies High Recycled Content as greater than 50%. 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®	B USG DXW™	C[8] USG Centricitee™ DXT™	D USG DX®	E USG DXL™	F USG Centricitee™ DXLT™	G USG DXL™	H USG Centricitee™ DXT™	I USG Fineline® DXF™	J USG Fineline® 1/8 DXFF™	K USG Identitee® DXI™	L USG Centricitee™ DXLT™	M USG Fineline® DXLF™

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
0.847–1.28 lb./sq. ft.

Online tools
usgdesignstudio.com or 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
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Fire-rated items: see UL design details.
3. LR values are shown as averages.
4. 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).
5. No Flat Black or "Deeptones" are available on reveal edge or USG Radar™ Firecode® panel.
6. Helps comply with ANSI S12.60 classroom guidelines and LEED for Schools EQ prerequisite 3: Min. Acoustical Performance.
7. 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.
8. Maximum 2'x2' with SQ edge panels.

Notice
The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

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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.

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