

USG RADAR™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

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

TO ORDER SAMPLES, GO TO [USG.COM](https://www.usg.com) OR [CGCINC.COM](https://www.cgcinc.com)



Flat White
050

FEATURES AND BENEFITS

- Nondirectional all-purpose ceiling pattern.
- Balanced acoustics available with 40 CAC for increased room-to-room speech privacy and 0.70 NRC for greater sound control in open-plan areas.
- High-NRC/High-CAC formulation helps comply with ANSI S12.60 classroom guidelines.⁵
- USDA Certified Biobased Product.⁸
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- Firecode® product designed to meet life-safety codes.

APPLICATIONS

- Classrooms
- Conference Rooms
- Open-Office Plans
- Privacy Rooms

SUBSTRATE

- Wet-formed Mineral Fiber

Lightly Textured Panel

USG RADAR™ HIGH-NRC/HIGH-CAC

ACOUSTICAL PANELS

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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/GG
UL 2818

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

BALANCED
ACOUSTICS

10 YEAR AVAILABILITY
22111, 22121,
22127, 22311

HRC HIGH RECYCLED
CONTENT



USG RADAR™
HIGH-CAC PANEL

USG RADAR™
HIGH-NRC PANEL 5,10

USG RADAR™
HIGH-NRC/HIGH-CAC
PANELS 5,10

UL Classified

Edge	Panel Size	Fire Rating ^{2,9}	Item No.	NRC	CAC Min.	LR ³	Color ⁶	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content ¹	Panel Cost
SQ	2'x4'x5/8"		22310	0.55	40	0.84	White	A	Low		57%	\$\$
SQ	2'x2'x7/8"	Class A	22421	0.70	35	0.84	White	B,C,D,H,I,J	Low		51%	\$\$
	2'x2'x3/4"		22111	0.70	35	0.84	White	A,K,L	Low		63%	\$\$
	2'x4'x3/4"		22311	0.70	35	0.84	White	A	Low		63%	\$\$
SLT	2'x2'x7/8"	Class A	22350	0.70	35	0.84	White	E	Low		51%	\$\$
	2'x2'x3/4"		22121	0.70	35	0.84	White	F	Low		63%	\$\$
	2'x4'x3/4"		22122	0.70	35	0.84	White	F	Low		63%	\$\$
FLB	2'x2'x7/8"	Class A	22370	0.70	35	0.84	White	D,H,I,J	Low		51%	\$\$
	2'x2'x3/4"		22127	0.70	35	0.84	White	K,L	Low		63%	\$\$
SQ	2'x2'x3/4"		22521	0.70	40	0.84	White	A,K,L	Low		63%	\$\$
	2'x4'x7/8"	Class A	22441	0.70	40	0.84	White	B,C	Low		51%	\$\$
	2'x4'x3/4"		22541	0.70	40	0.84	White	A	Low		63%	\$\$
SLT	2'x2'x3/4"		22523	0.70	40	0.84	White	F	Low		63%	\$
	2'x4'x7/8"	Class A	22360	0.70	40	0.84	White	E	Low		51%	\$\$
FLB	2'x2'x3/4"		22527	0.70	40	0.84	White	K,L	Low		63%	\$\$

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.ecomedes.com and at spot.ul.com.

ClimaPlus™ Warranty Performance⁴

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 product composition of pre-consumer (post-industrial) and post-consumer recycled content per FTC guidelines.

Firecode™

GRID PROFILE OPTIONS

A USG DXL™	B USG DX*	C USG DXW™	D ⁷ USG Centricitee™ DXT™	E USG DX*	F USG DXL™	G USG Fineline® DXF™	H USG Fineline® 1/8 DXFF™	I USG Identitee® DXI™	J USG Centricitee™ DXLT™	K USG Fineline® DXLF™

PHYSICAL DATA/ FOOTNOTES

Notice

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Product literature
Data sheet: SC2290

ASTM E1264 classification

ASTM E1264-22 Type III, Form 2, Pattern C & E
ASTM E1264-23 Type A, Form A1.2, Pattern C & E

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

Online tools

usgdesignstudio.com,
cgcdesignstudio.com or
usg.ecomedes.com

Weight

0.90-1.28 lb./sq. ft.

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.

Notes

- For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- Firecode® products are approved for use in fire-resistance rated UL designs, where the designs allow for the UL Type Designation.
- LR values are shown as averages.
- For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- Helps comply with ANSI S12.60 classroom guidelines.

6. No Flat Black or "Deeptones" are available on reveal edge or USG Radar™ Firecode™ panel.

7. Maximum 2'x2' with SQ edge panels.

8. 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.

9. It is not recommended to mix Firecode™ with Class A panels in the same ceiling plane.

10. It is not recommended to mix USG Radar™ High-NRC panels (0.70 NRC) with Radar™ panels of varying NRC values in the same ceiling plane.

Manufactured by
USG Interiors, LLC
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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.

