

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 OR 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.⁶
- 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

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



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



USG RADAR™
HIGH-CAC PANEL

USG RADAR™
HIGH-NRC PANEL^{5,10}

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

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"	Class A	22310	0.55	40	0.84	White	A	Low	Green	49%	\$\$
			22311	0.70	35	0.84	White	A	Low	Green	57%	\$\$
SQ	2'x2'x7/8"	Class A	22421	0.70	35	0.84	White	B,C,D	Low	Green	38%	\$\$
			22111	0.70	35	0.84	White	A	Low	Green	57%	\$\$
			22311	0.70	35	0.84	White	A	Low	Green	57%	\$\$
SLT	2'x2'x7/8"	Class A	22350	0.70	35	0.84	White	E	Low	Green	38%	\$\$
			22121	0.70	35	0.84	White	F	Low	Green	57%	\$\$
			22122	0.70	35	0.84	White	F	Low	Green	57%	\$\$
FLB	2'x2'x7/8"	Class A	22370	0.70	35	0.84	White	G,H,I,J	Low	Green	38%	\$\$
			22127	0.70	35	0.84	White	K,L	Low	Green	57%	\$\$
SQ	2'x2'x3/4"	Class A	22521	0.70	40	0.84	White	A	Low	Green	57%	\$\$
			22441	0.70	40	0.84	White	B,C	Low	Green	38%	\$\$
			22541	0.70	40	0.84	White	A	Low	Green	57%	\$\$
SLT	2'x2'x3/4"	Class A	22523	0.70	40	0.84	White	F	Low	Green	57%	\$
			22360	0.70	40	0.84	White	E	Low	Green	38%	\$\$
FLB	2'x2'x3/4"	Class A	22527	0.70	40	0.84	White	K,L	Low	Green	57%	\$\$

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 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 postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

Firecode™

GRID PROFILE OPTIONS

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

PHYSICAL DATA/ FOOTNOTES

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 or
cgcdesignstudio.com

Weight
0.904-1.28 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.

- Maximum 2'x2' with SQ edge panels.
- 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.
- It is not recommended to mix Firecode™ with Class A panels in the same ceiling plane.
- 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.

Notice

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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.

