

USG RADAR™ HIGH-NRC/HIGH-CAC/ RADAR™ OPEN PLAN 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 pattern.
- Balanced acoustics with up to 40 CAC for increased room-to-room speech privacy and 0.70 - 0.75 NRC for greater sound control in open-plan areas.
- Panels help comply with ANSI S12.60 classroom guidelines.
- USDA Certified Biobased Products.⁶
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- Firecode® products designed to meet life-safety codes.

APPLICATIONS

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

SUBSTRATE

- Wet-formed Mineral Fiber

Lightly Textured Panel

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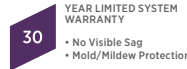
ORDER SAMPLES/LITERATURE
USG: usg.com or samplitt@usg.com
CGC: contact Sales Representative

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usg.ecomedes.com

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



PRODUCT CERTIFIED
FOR LOW CHEMICAL
EMISSIONS:
ULCOM/GG
UL2818



UL Classified

Edge	Panel Size	Fire Class ²	Item No.	NRC	CAC Min.	LR ³	Color	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	Low		51%	\$\$										
													2'x2'x3/4"	22111	0.70	35	0.84	White	A,E	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	F	Low		51%	\$\$										
													2'x2'x3/4"	22121	0.70	35	0.84	White	G	Low	63%	\$\$
														2'x4'x3/4"	22122	0.70	35	0.84	White	G	Low	63%
FLB 	2'x2'x7/8"	Class A	22370	0.70	35	0.84	White	H,I,J,K	Low		51%	\$\$										
													2'x2'x3/4"	22127	0.70	35	0.84	White	L,M	Low	63%	\$\$
SQ 	2'x2'x3/4"		22521	0.70	40	0.84	White	A,E	Low		63%	\$\$										
		Class A											2'x4'x7/8"	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	G	Low		63%	\$										
		Class A											2'x4'x7/8"	22360	0.70	40	0.84	White	F	Low	51%	\$\$
FLB 	2'x2'x3/4"		22527	0.70	40	0.84	White	L,M	Low		63%	\$\$										
SQ 	2'x2'x7/8"	Class A	22320	0.75	35	0.84	White	A,B,C	Low		52%	\$\$										
		Class A											22325	0.75	35	0.84	White	A,C	Low		52%	\$\$
SLT 	2'x2'x7/8"	Class A	22340	0.75	35	0.84	White	D	Low		52%	\$\$										
		Class A											22345	0.75	35	0.84	White	D	Low		52%	\$\$
FLB 	2'x2'x7/8"	Class A	22330	0.75	35	0.84	White	E,F,G,H	Low		52%	\$\$										
		Class A											22335	0.75	35	0.84	White	E,F,G,H	Low		52%	\$\$

Low Emissions (VOC)
Certified for low emitting performance, meets CDPH 01350 v1.2 - 2017. Certificates of Compliance for Low VOC Emissions are available on usg.com and at usg.ecomedes.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%. Methodology of calculation based on FTC guidelines.

Firecode®

USG RADAR™
HIGH-CAC PANEL

USG RADAR™
HIGH-NRC PANEL

USG RADAR™
HIGH-NRC/HIGH-CAC
PANELS

USG RADAR™ OPEN
PLAN PANELS

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

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UL 2818



GRID PROFILE OPTIONS

A USG DXL™	B USG DX®	C USG DXW™	D ⁵ USG Centricitee™ DXT™	E USG Centricitee™ DXLT™	F USG DX®	G USG DXL™
H USG Centricitee™ DXT™	I USG Finline® DXF™	J USG Finline® 1/8 DXFF™	K USG Identitee® DXI™	L USG Centricitee™ DXLT™	M USG Finline® DXLF™	

PHYSICAL DATA

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

0.85 -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.
It is not recommended to mix Firecode® and
Class A panels in the same ceiling plane.
- LR values are shown as averages.
- For details, see *USG 30-Year Limited System
Warranty Commercial Applications* (SC2102).

- 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 panels of varying
NRC values in the same ceiling plane.

Notice

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SC2290/rev. 06-25

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Chicago, IL 60661

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practices during installation. Wear appropriate personal
protective equipment. Read SDS and literature before
specification and installation.

