

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

CLIMAPLUS™ PERFORMANCE



USG Radar™ High-NRC 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

Lightly Textured Panel

## FEATURES AND BENEFITS

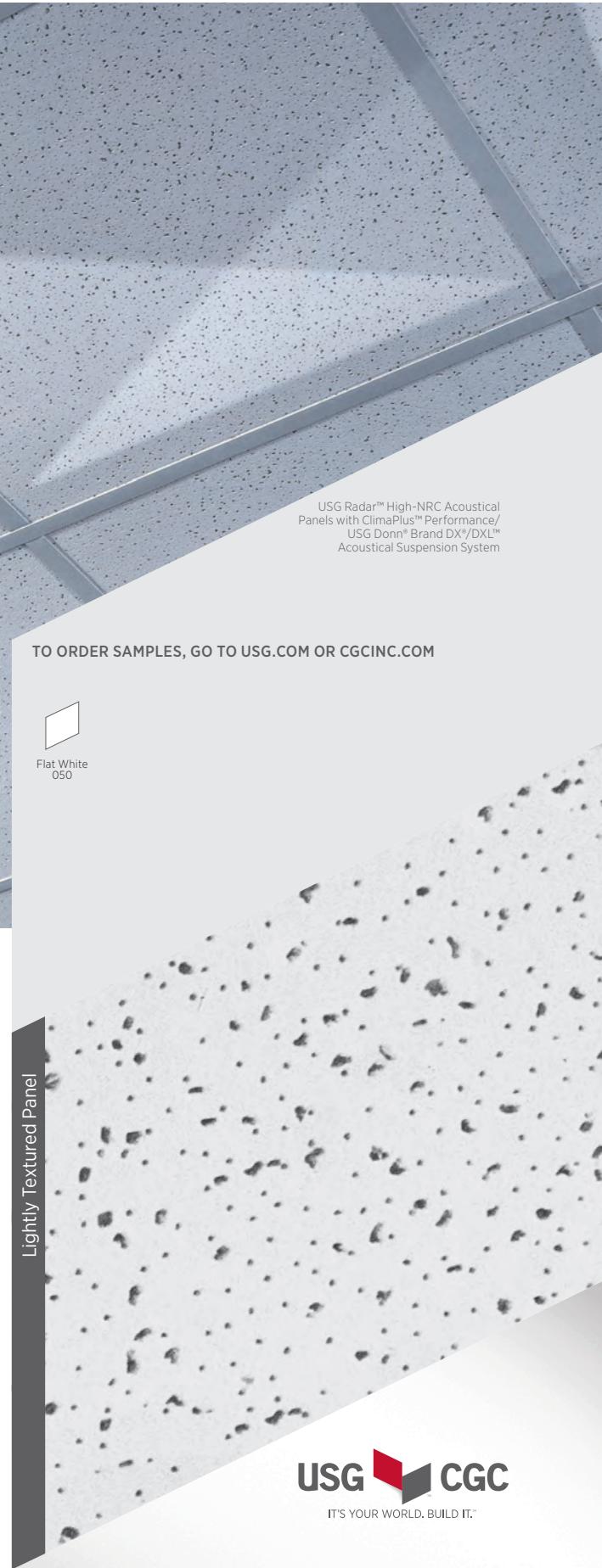
- Nondirectional all-purpose ceiling pattern.
- Balanced Acoustics available with 40 CAC for increased room-to-room speech privacy and 0.70 NRC for greater sound control in open-plan areas.
- High-NRC/High-CAC formulation helps comply with ANSI S12.60 classroom guidelines.<sup>5</sup>
- USDA Certified Biobased Product.<sup>8</sup>
- 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



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

## CLIMAPLUS™ PERFORMANCE



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

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



YEAR  
AVAILABILITY  
22111, 22121,  
22127, 22311

HRC  
HIGH RECYCLED  
CONTENT



ORDER SAMPLES/LITERATURE  
USG: samplit@usg.com  
fax: 888 874-2348 | 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)

## USG RADAR™ HIGH-CAC PANEL

## USG RADAR™ HIGH-NRC PANEL<sup>5</sup>

## USG RADAR™ HIGH-NRC/HIGH-CAC PANELS<sup>5</sup>

## GRID PROFILE OPTIONS

## PHYSICAL DATA/ FOOTNOTES

### 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.

### SC2290/rev. 11-16

© 2016 USG Corporation and/or its affiliates. All rights reserved. Printed in U.S.A.

UL Classified												
Edge	Panel Size	Fire Rating <sup>2</sup>	Item No.	NRC	CAC Min.	LR <sup>3</sup>	Color <sup>4</sup>	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content <sup>1</sup>	Panel Cost
SQ	2'x4'x5/8"		22310	0.55	40	0.84	White	A,C	Low		48%	\$\$
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%	\$\$
	2'x4'x3/4"		22311	0.70	35	0.84	White	A	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%	\$\$
	2'x4'x3/4"		22122	0.70	35	0.84	White	D	Low		57%	\$\$
FLB	2'x2'x7/8"	Class A	22370	0.70	35	0.84	White	E,F,H,I	Low		43%	\$\$
	2'x2'x3/4"		22127	0.70	35	0.84	White	E,G	Low		57%	\$\$
	2'x2'x3/4"		22521	0.70	40	0.84	White	A,B	Low		57%	\$\$
SQ	2'x2'x3/4"	Class A	22441	0.70	40	0.84	White	A,C	Low		43%	\$\$
	2'x4'x7/8"		22541	0.70	40	0.84	White	A	Low		57%	\$\$
	2'x4'x3/4"		22523	0.70	40	0.84	White	D	Low		57%	\$
SLT	2'x2'x3/4"	Class A	22360	0.70	40	0.84	White	D	Low		43%	\$\$
	2'x4'x7/8"		22527	0.70	40	0.84	White	E,G	Low		57%	\$\$

### 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 and at 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<sup>®</sup>

## GRID PROFILE OPTIONS

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

### Product literature

Data sheet: SC2290

### 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

### Online tools

usgdesignstudio.com or  
cgcdesignstudio.com

### Weight

1.15-1.36 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) and ClimaPlus™  
Ceilings Certification of Performance (SC2451).

### Maintenance

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

### Notes

1. For details, see LEED report tool at  
usgdesignstudio.com or cgcdesignstudio.com.

2. Fire-rated items: see UL design details.

3. LR values are shown as averages.

4. For details, see USG 30-Year Limited System Warranty  
Commercial Applications (SC2102) and ClimaPlus™  
Ceilings Certification of Performance (SC2451).

5. 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.

### Manufactured by

USG Interiors, LLC  
550 West Adams Street  
Chicago, IL 60661

### The trademarks USG, CGC, CENTRICITEE, CLIMAPLUS, DONN, DX, DXF, DXFF,

DXI, DXL, DXLF, DXLT, DXT, DXW, FINELINE, FIRECODE, IDENTITEE, RADAR,  
IT'S YOUR WORLD, BUILD IT, the USG/CGC Logo, the design elements and  
colors, and related marks are trademarks of USG Corporation or its affiliates.

### Safety First! Follow good safety/industrial hygiene

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

