Radar™ Education

USG

10
Year Availability
22111, 22121, 22127, 22311

HRC
High Recycled Content

Radar High-NRC/High-CAC Panels with Donn DX/DXL Suspension System

LEED Credits

Recycled Content: 31% – 58%
LEED Recycled Content Contribution: 19% – 29%
ClimaPlus Superior Performance for Mold and Mildew

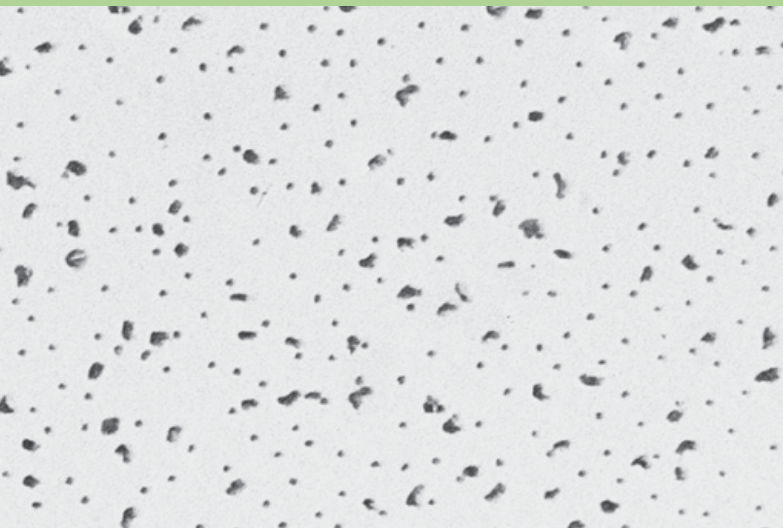| MR				EQ		
Waste Reduction[1]	Recycled Content	Regional Materials[2]	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●	●	●	●	●

Features and Benefits

– Excellent sound absorption
– Available with 40 CAC for increased room-to-room speech privacy and .70 NRC for greater sound control in classrooms
– High-NRC/High-CAC formulation helps comply with ANSI S12.60 classroom guidelines (LEED for Schools)
– High-durability panels are 55% more durable than standard panels
– Non-directional pattern reduces installation time and waste
– ClimaPlus™ 30-year lifetime system warranty against visible sag, mold and mildew
– Optional Firecode formulation designed to meet life-safety codes

Applications

– Classrooms
– Administration offices
– Nurses' offices
– Guidance offices
– Cafeterias
– Music rooms
– Corridors
– Libraries/media rooms

Substrate

– Water-felted mineral fiber

To order samples, go to usg.com

○ White

Medium-textured panel

Radar™ Education

To order samples/literature:
– Web: usg.com
– E-mail: samplit@usg.com
– Fax: 888 874.2348
Technical Services: 800 USG.4YOU

Web Sites: usg.com
usgdesignstudio.com
sustainableceilings.com
seismicceilings.com

See usg.com for the most up-to-date product information.

30 Year System Warranty
– No visible sag
– Mold/mildew protection

UL Classified

	Edge	Panel Size	Class[3]	Item No.	NRC	CAC Min.	LR[4]	Color	Grid Options	VOC Emissions[7]	Anti-Mold & Mildew	Abuse-Resistant	Recycled Content[2]	Panel Cost
Radar ClimaPlus High Durability (High traffic areas, corridors and cafeterias)	SQ	2'x2'x5/8"	Class A	2207	.55	35	.84	White	A, B, C	Low	●	◈	31%	$
		2'x4'x5/8"	Class A	2407	.55	35	.84	White	A, B, C	Low	●	◈	31%	$
	SLT	2'x2'x5/8"	Class A	2227	.55	35	.84	White	D	Low	●	◈	31%	$
Radar ClimaPlus High-NRC (Libraries, offices and classrooms)	SQ	2'x2'x7/8"	Class A	22421	.70	35	.84	White	A, B, C	Low	●		44%	$$
		2'x2'x3/4"	◐	22111	.70	35	.84	White	A, B, C	Low	● HRC		58%	$$
	SLT	2'x2'x7/8"	Class A	22350	.70	35	.84	White	D	Low	●		44%	$$
		2'x2'x3/4"	◐	22121	.70	35	.84	White	D	Low	● HRC		58%	$$
	FLB	2'x2'x7/8"	Class A	22370	.70	35	.84	White	E, F, G, H	Low	●		44%	$$
		2'x2'x3/4"	◐	22127	.70	35	.84	White	E, F, G, H	Low	● HRC		58%	$$
Radar ClimaPlus High-NRC/ High-CAC (Classrooms and other core learning spaces)	SQ	2'x4'x7/8"	Class A	22441[6]	.70	40	.84	White	A, C	Low	●		44%	$$
		2'x4'x3/4"	◐	22541[6]	.70	40	.84	White	A, C	Low	● HRC		58%	$$
	SLT	2'x2'x3/4"	◐	22523	.70	40	.84	White	D	Low	● HRC		56%	$
		2'x4'x7/8"	Class A	22360[6]	.70	40	.84	White	D	Low	●		44%	$$
		2'x4'x3/4"	◐	22122[6]	.70	40	.84	White	D	Low	● HRC		58%	$$

Legend

◄ Low Emissions (VOC Class)
Classified as low-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.

● ClimaPlus Superior Performance[5]
Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.

HRC High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

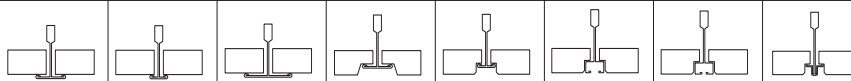| A DX®/DXL™	B Centricitee™ DXLT	C DXW™	D DX/DXL	E Centricitee DXLT	F Fineline® DXF	G Fineline® 1/8 DXFF	H Identitee™ DXI™	

Grid Profile Options

Physical Data/ Footnotes

Product literature
Data sheet: SC2514

ASTM E1264 classification
Type III, Form 2, Pattern CDE

ASTM E84 surface burning characteristics
Class A
Flame spread: 25
Smoke developed: 50

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 Warranty for details.

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

High durability panels
Ball hardness as tested per ASTM C367.

Footnotes
1. Applies when USG acoustical ceilings recycling program is utilized.
2. For details, see LEED report generator, at usgdesignstudio.com.
3. Fire-rated items: See UL design details.
4. LR values are shown as averages.
5. 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 *Ceiling Systems Limited Warranty Commercial Applications* (SC2102) and *ClimaPlus Ceilings Certification of Performance* (SC2451).
6. Helps comply with ANSI S 12.60 classroom guidelines and LEED for Schools EQ prerequisite 3: Min. Acoustical Performance.
7. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, LLC.

USG
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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

SC2514/rev. 1-12
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