

CLIMAPLUS™ PERFORMANCE

Radar™ High NRC, High CAC Acoustical Panels

FEATURES AND BENEFITS

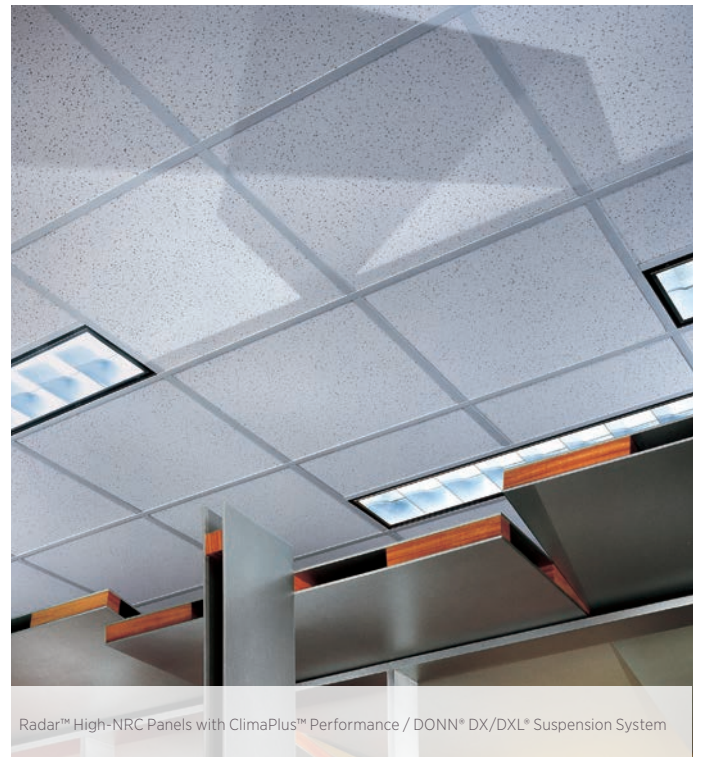
- Non-directional all-purpose ceiling pattern
- Available with 40 CAC for increased room-to-room speech privacy and NRC 0.70 for greater sound control in open-plan areas
- ClimaPlus™ 30-year lifetime system warranty against visible sag, mold and mildew
- Firecode® product designed to meet life-safety codes
- High-NRC / High-CAC formulation helps comply with classroom guidelines

APPLICATIONS

- Classrooms
- Conference rooms
- Lobby areas
- Open plan offices
- Privacy rooms

SUBSTRATE

- Wet-formed mineral fibre



























Radar™ High-NRC Panels with ClimaPlus™ Performance / DONN® DX/DXL® Suspension System

Lightly Textured Panel




RADAR™ HIGH NRC, HIGH CAC ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE


Edge	Panel Size ^{1,2}	Item No.	NRC ³	CAC ² Min.	LR ⁴	Colour	Grid Options	VOC Emissions	Anti-Mould & Mildew ⁵	Recycled Content	
RADAR™ HIGH-NRC PANELS	SQ 	600 x 600 x 19mm	ME2826	0.70	33	0.84 	White	A, B	Low 		57% 
		600 x 1200 x 19mm	ME2810	0.70	35	0.84 	White	A	Low		57%
	SLT 	600 x 600 x 19mm	ME2822	0.70	33	0.84 	White	C	Low		57%
		600 x 1200 x 19mm	ME2812	0.70	35	0.84 	White	C	Low		57%
	FLB 	600 x 600 x 19mm	ME2823	0.70	33	0.84 	White	E	Low		44%
		600 x 1200 x 19mm	ME2813	0.70	35	0.84 	White	E	Low		57%
RADAR™ HIGH-NRC/CAC PANELS	SQ 	1200 x 600 x 22mm	ME22441	0.70	40	0.84 	White	A	Low		43%
		1200 x 600 x 19mm	ME22541 ⁶	0.70	40	0.84 	White	A	Low		57%
	SLT 	600 x 600 x 19mm	ME22523 ⁶	0.70	40	0.84 	White	C	Low		57%
		1200 x 600 x 22mm	ME22360	0.70	40	0.84 	White	C	Low		45%
	FLB 	600 x 600 x 19mm	ME22527	0.70	40	0.84 	White	D, E	Low		57%

LEGEND

 Low Emission (VOC Class)

 ClimaPlus™ Superior Performance⁵

 Recycled Content

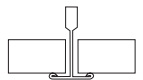
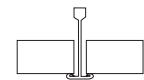
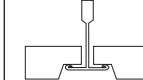
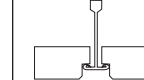
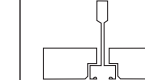
 ≥ 0.85 LR

Third party certified for low-emitting performance, ASTM Standard Guide D5116 - 10. Certificates of Compliance for Low VOC Emissions are available on usg.com and usgboral.com.

Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mould and mildew.

Total recycled content is based on product composition of post-consumer and pre-consumer (postindustrial) recycled content. ISO 14021:2016.

GRID PROFILE OPTIONS

A DX*/DXL	B Centricitee™ DXT™	C DX*/DXL	D Centricitee™ DXT™	E Fineline® DXF™
				

SHORT SPECIFICATION

- Ceiling system shall comprise USG Boral Radar™ ClimaPlus™ High-NRC high humidity / fire resistant acoustical ceiling panels in (DONN® Centricitee™ 15mm / DONN® DX* / DXL* 24mm / DONN® Fineline® 15mm / exposed grid including wall trim as manufactured by USG Boral
- Panels shall have NRC 0.70
- Panels shall have CAC 33 / 35 / 40
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 19mm / 22mm
- Edge detail shall be (Fineline® bevel [FLB] / Shadowline Tapered [SLT] / Square edge [SQ])
- Limiting Conditions - Maximum 49°C / 99% RH

PHYSICAL DATA/ FOOTNOTES

Weight
4.4 - 6 kg/m²

Environmental Limitations
49°C, 99% RH max.

Thermal Resistance
R 0.30 (m²K)/W (19mm)
R 0.39 (m²K)/W (22mm)

Maximum Backloading
0 kg/m²

Maintenance
Can be cleaned easily with a soft brush or vacuum.

Proprietary technology
This product's unique combination of sag resistance and sound performance results from proprietary technology.

Installation

Shall not begin until the building is fully enclosed, watertight, dry, permanent heating and cooling equipment is in operation, residual moisture from wet trades (eg. terrazzo, concrete, plaster) has dissipated, and is free of chemical fumes. Do not mix production lots in the same ceiling area.

Footnotes

1. Not all panel sizes available in all geographic areas
2. Some imperial sizes available to order
3. Acoustic Test Standards NRC to ASTM C423 CAC to ASTM E1414
4. LR values are shown as averages
5. Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mould / mildew
6. Tested to AS / NZS 1530-4 for fire rated system up to 60 / 60 / 60 with DXL suspension

REACTION TO FIRE

Standard	Flame Spread	Smoke Developed
ASTM E84	<25	<50
AS/NZS 3837	Group 1 - unsprinklered	
ISO 5660 Parts 1 & 2	Group Number Classification: 1 - S	

SALES ENQUIRIES **1800 226 215** (AU)

0800 USGBORAL (NZ)



See USGBoral.com for Ceiling Systems warranty.

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