

**CLIMAPLUS™ PERFORMANCE**

# Radar™ Acoustical Panels

**FEATURES AND BENEFITS**

- Non-directional pattern
- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C / 99% relative humidity without visible sag when used with a DONN® Brand suspension system

**APPLICATIONS**

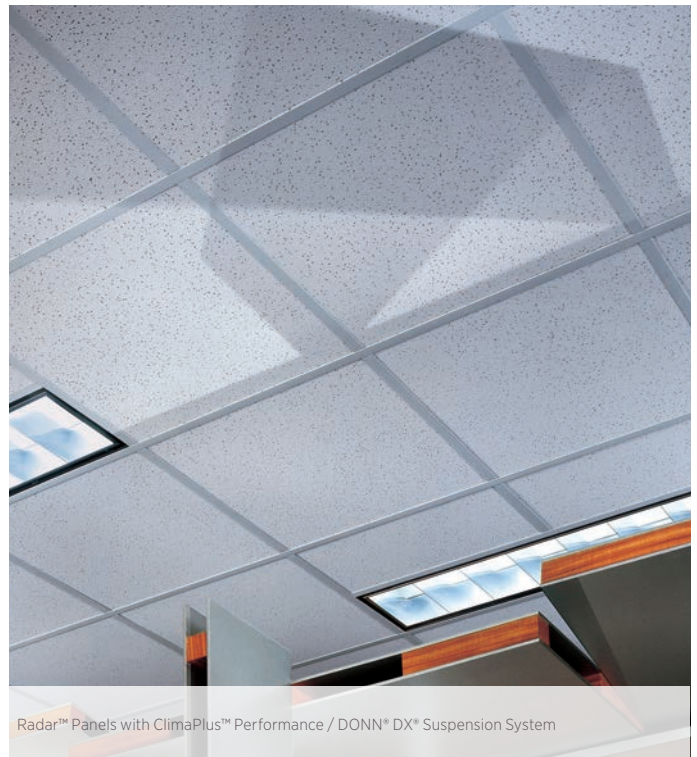
- Schools
- Corridors
- Lobby areas
- Offices
- Retail stores

**SUBSTRATE**

- Wet-formed mineral fibre

**COLOUR SELECTION**

- ▢ Flat White
- ▣ Flat Black

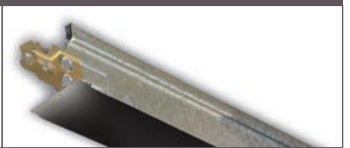


Radar™ Panels with ClimaPlus™ Performance / DONN® DX® Suspension System

**Grid Options**

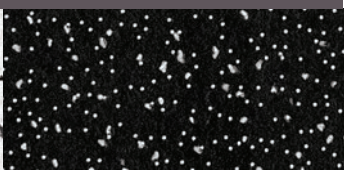
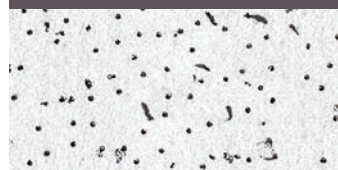


DONN® DX® 24mm - Flat White  
(Item No. 050)



DONN® DX® 24mm - Flat Black  
(Item No. 205)

**Lightly textured panel**



# RADAR™ ACOUSTICAL PANELS

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## RADAR™ PANELS

Edge	Panel Size <sup>1,2</sup>	Item No.	NRC <sup>5</sup>	CAC <sup>5</sup> Min.	LR <sup>4</sup>	Colour	Grid Options	VOC Emissions	Anti-Mould & Mildew <sup>5</sup>	Recycled Content
SQ 	600 x 600 x 16mm	ME2210	0.60	33	0.84	White	A, B,	Low		28 - 45%
	600 x 1200 x 16mm	ME2410	0.60	34	0.84	White	A	Low		28 - 45%
	600 x 1200x 16mm	ME2410205	0.55	35	—	Flat Black	A, B	Low		25 - 34%
SLT 	600 x 600 x 16mm	ME2220	0.60	33	0.84	White	C	Low		28 - 45%
	600 x 1200 x 16mm	ME2420	0.60	34	0.84	White	C	Low		28 - 45%
FLB 	600 x 600 x 16mm	ME2230	0.60	33	0.84	White	D, E,	Low		28 - 45%
	600 x 1200 x 16mm	ME2430	0.60	34	0.84	White	D, E,	Low		28 - 45%

## LEGEND

Low Emission (VOC Class)

Meets the emission test criteria as low-emitting prescribed by the Singapore Green Building Council (SGBC) following ASTM D5116-06 testing methods

CLIMAPLUS™ Superior Performance<sup>5</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.

Recycled Content

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

## SHORT SPECIFICATION

- Ceiling system shall comprise USG Boral Radar™ ClimaPlus™ high humidity acoustical ceiling panels in DONN® Centricitee® 15mm / DONN® DX® 24mm / DONN® Fineline® 15mm exposed grid including wall trim as manufactured by USG Boral
- Panels shall have NRC 0.55
- Panels shall have CAC 34 - 35
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 16mm
- Edge detail shall be (Fineline® bevel [FLB] / Shadowline Tapered [SLT] / Square edge [SQ])
- Limiting Conditions - Maximum 49°C / 99% RH

## PHYSICAL DATA/ FOOTNOTES

### Weight

3.6 - 3.9 kg/m<sup>2</sup>

### Environmental Limitations

49 °C, 99% RH max.

### Maximum Backloading

0 kg/m<sup>2</sup>

### Thermal Resistance

R 0.3 (m<sup>2</sup>K)/W

### Maintenance

Can be cleaned easily with a soft brush or vacuum.

### 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, broadspectrum antimicrobial standard formulation that inhibits and retards the growth of mould / mildew

## REACTION TO FIRE

Standard	Flame Spread	Smoke Developed
ASTM E84	<25	<50
AS/NZS 3837	Group 1 - sprinklered	
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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