

**CLIMAPLUS™ PERFORMANCE**

# Radar™ Illusion™™

## FEATURES AND BENEFITS

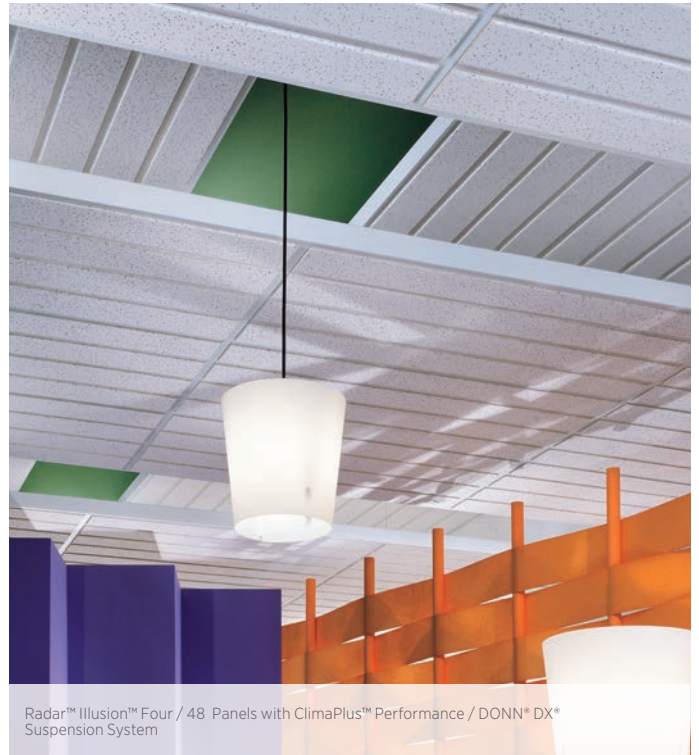
- Non-directional pattern offers fast, efficient installation
- Face scores create illusion of smaller-scaled ceiling system
- ClimaPlus™ 30-year lifetime system warranty to withstand conditions up to 49°C / 99% relative humidity without visible sag when used with a DONN® Brand suspension system

## APPLICATIONS

- Schools
- Corridors
- General offices
- Retail stores

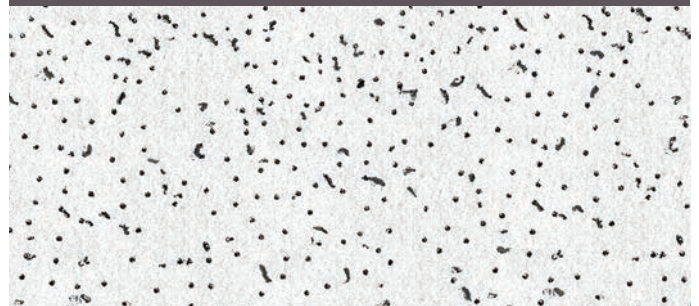
## SUBSTRATE

- Wet-formed mineral fibre



Radar™ Illusion™ Four / 48 Panels with ClimaPlus™ Performance / DONN® DX® Suspension System

Lightly textured panel



# RADAR™ ILLUSION™

CLIMAPLUS™ PERFORMANCE

Edge	Panel Size <sup>1,2</sup>	Item No.	NRC <sup>3</sup>	CAC <sup>3</sup> Min.	LR <sup>4</sup>	Colour <sup>2</sup>	Grid Options	VOC Emissions	Anti-Mould & Mildew <sup>7</sup>	Recycled Content	
<b>RADAR™ ILLUSION™ TWO / 24 PANELS</b> THE LOOK OF 600 X 600 PANELS	SLT <sup>5</sup> 	600 x 1200 x 19mm	ME2842	0.55	35	0.84	White	A	Low		44%
	ILT <sup>6</sup> 	600 x 1200 x 19mm	ME2844	0.55	35	0.84	White	B	Low		44%
<b>RADAR™ ILLUSION™ FOUR / 48 PANELS</b> THE LOOK OF 1200 X 150 LINEAR STRIPS	SLT <sup>5</sup> 	600 x 1200 x 19mm	ME2882	0.50	35	0.84	White	A	Low		44%
	ILT <sup>6</sup> 	600 x 1200 x 19mm	ME2884	0.50	35	0.84	White	B	Low		44%
<b>RADAR™ ILLUSION™ EIGHT / 12 PANELS</b> THE LOOK OF 300 X 300 TILE	SLT <sup>5</sup> 	600 x 1200 x 19mm	ME2852	0.55	35	0.84	White	A	Low		44%
	ILT <sup>6</sup> 	600 x 1200 x 19mm	ME2854	0.55	35	0.84	White	B	Low		44%
<b>RADAR™ ILLUSION™ THIRTY-TWO / 6 PANELS</b> THE LOOK OF 150 X 150 TILE	SLT <sup>5</sup> 	600 x 1200 x 19mm	ME2862	0.50	35	0.84	White	A	Low		44%
	ILT <sup>6</sup> 	600 x 1200 x 19mm	ME2864	0.50	35	0.84	White	B	Low		44%

	Illusion™ Two / 24	Illusion™ Four / 48	Illusion™ Eight / 12	Illusion™ Thirty-Two / 6
<b>PATTERNS</b>				

## LEGEND

Low Emission (VOC Class)

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.

ClimaPlus™ Superior Performance<sup>7</sup>

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

## SHORT SPECIFICATION

- Ceiling system shall comprise USG Boral Radar™ Illusion ClimaPlus™ high humidity / acoustical ceiling panels in DONN® Centricitee™ 15mm / DONN® DX\* 24mm exposed grid including wall trim as manufactured by USG Boral
- Panels shall have NRC 0.50 - 0.55
- Panels shall have CAC 35
- Nominal size (600mm x 1200mm) x 19mm
- Edge detail shall be (Shadowline Tapered [SLT] / Interline Tapered [ILT])
- Limiting Conditions - Maximum 49°C / 99% RH

## PHYSICAL DATA/ FOOTNOTES

**Weight**  
4.2 kg/m<sup>2</sup>

**Environmental Limitations**  
49°C, 99% RH max.

**Thermal Resistance**  
R 0.30 (m<sup>2</sup>k)/W

**Maximum Backloading**  
0 kg/m<sup>2</sup>

**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 patterns 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. Panels have a 24mm routing
  6. Panels have a 15mm routing
  7. 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 Number Classification: 1 unspinklered	
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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