

RADAR™ CLIMAPLUS™ ILLUSION™



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

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 (120°F)/99% relative humidity without visible sag when used with a DONN® Brand suspension system.

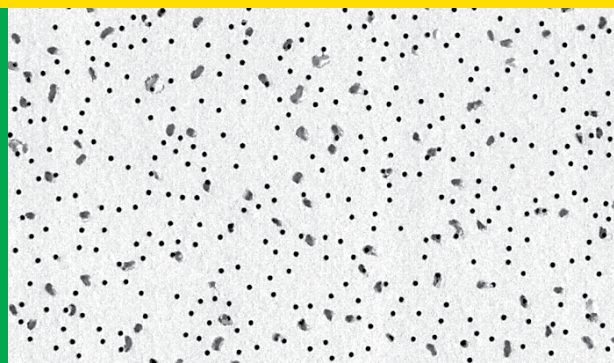
APPLICATIONS

- Schools
- Corridors
- General offices
- Retail stores

SUBSTRATE

- Water-felted mineral fiber

Lightly textured panel



RADAR CLIMAPLUS ILLUSION TWO/24 PANELS
THE LOOK OF 2' X 2' PANELS

RADAR CLIMAPLUS ILLUSION FOUR/48 PANELS
THE LOOK OF 48"X6" LINEAR STRIPS

RADAR CLIMAPLUS ILLUSION EIGHT/12 PANELS
THE LOOK OF 12"X12" TILE

RADAR CLIMAPLUS ILLUSION THIRTY-TWO/6 PANELS
THE LOOK OF 6"X6" TILE

Edge	Panel Size ⁶	Class	Item No.	NRC	CAC Min.	LR ⁷	Color ³	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content ¹
SLT ⁴	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	2842 ME2842	.55	35	.84	White	A	Low		30-44%
	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	2846 ME2846	.55	35	.84	White	A	Low		57%
ILT ⁵	2' x 4' x 3/4" 600 x 600 x 19mm	Class A	2844 ME2844	.55	35	.84	White	B	Low		44%
SLT ⁴	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	2882 ME2882	.50	35	.84	White	A	Low		44%
ILT ⁵	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	2884 ME2884	.50	35	.84	White	B	Low		44%
SLT ⁴	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	2852 ME2852	.55	35	.84	White	A	Low		44%
ILT ⁵	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	2854 ME2854	.55	35	.84	White	B	Low		44%
SLT ⁴	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	2862 ME2862	.50	35	.84	White	A	Low		44%
ILT ⁵	2' x 4' x 3/4" 600 x 1200 x 19mm	Class A	2864 ME2864	.50	35	.84	White	A	Low		44%

	Illusion Two/24	Illusion Four/48	Illusion Eight/12	Illusion Thirty-Two/6
PATTERNS				

LEGEND

Low Emission (VOC Class)
Low-Emitting performance meets CA Specification 01350 (CA Dept. of Health Services Standard Practice for the testing of VOC emissions) and is listed on CHPS data base for low-emitting materials.

CLIMAPLUS Superior Performance ⁷
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew.

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.

GRID PROFILE OPTIONS

A DX [®]	B Centricitee™ DXT™

- Short Specification:**
- Ceiling system shall comprise USG Radar™ CLIMAPLUS™ high humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] 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 (120°F)/99% RH.

PHYSICAL DATA/ FOOTNOTES

<p>Weight 4.2 kg/m²</p> <p>Environmental Limitations 49° C, 99% RH max.</p> <p>Thermal Resistance R 0.30</p> <p>Maximum Backloading 0 kg/m²</p>	<p>Maintenance Can be cleaned easily with a soft brush or vacuum.</p> <p>Proprietary technology This product's unique combination of sag resistance and sound performance results from proprietary technology.</p>	<p>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.</p>	<p>Footnotes</p> <ol style="list-style-type: none"> Not all panel sizes available in all geographic areas Some imperial sizes available to order Acoustic Test Standards NRC to ASTM C425 CAC to ASTM E1414 LR values are shown as averages
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Reaction to Fire		
Standard	Flame Spread	Smoke Developed
ASTM E84	<25	<50
AS/NZS 3837	Group Number Classification: 1 unspinklered	
ISO 5860 Parts 1 & 2	Group Number Classification: 1 - S	

Australia: 1800 226 215 **New Zealand:** 0800 USGBORAL



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

