



Mars™ *ClimaPlus*™



High Recycled Content



MARS Panels with *CLIMAPLUS* Superior Performance/
DONN DX® Suspension System

ESD Information

Recycled Content: 76%
CLIMAPLUS Superior Performance for Mould/Mildew

★ Contributes to Green Star points ✓ ESD additional advantages

IEQ						Ene	Mat
Increase Daylight Levels	Reduce Lighting Levels	Internal Noise Level Reduction	Low Volatile Organic Compounds	Low Formaldehyde	Mould Prevention	Lighting Density Reduction	Design for Disassembly
★	★	★	✓	✓	✓	★	✓

Advantages

- Fine, monolithic texture.
- High light reflectance (LR .89).
- Excellent noise reduction (NRC .70).
- Durable, scratch-resistant, cleanable surface.
- Low maintenance panels look like new for years to come.
- *CLIMAPLUS* 30-year lifetime system warranty to withstand conditions up to 40°C/95% relative humidity without visible sag when used with a DONN® Brand suspension system.

Applications

- Open-plan offices
- Corridors
- Department stores
- Offices with indirect lighting
- Reception areas and lobbies
- Restaurants

Substrate

- X-Technology mineral fibre



Fine-textured panel

Grid Options

DONN DX 24mm



DONN Cericitee 15mm



<div>30</div> <div>Year System Warranty</div> <div>No visible sag</div> <div>Mould/mildew protection</div>	Edge	Panel Size ^{1,2}	Class	Item No	NRC ³	CAC ³	LR ⁴	Colour	Grid Options	VOC Emissions	Recycled Content
MARS CLIMAPLUS Panels		600 x 600 x 19mm	Class A	ME86185	.70	35-39	.89	White	A, C	Low	76%
		1200 x 600 x 19mm	Class A	ME88185	.70	35-39	.89	White	A, C	Low	76%
		600 x 600 x 19mm	Class A	ME86785	.70	35-39	.89	White	B	Low	76%
		1200 x 600 x 19mm	Class A	ME88785	.70	35-39	.89	White	B	Low	76%
		600 x 600 x 19mm	Class A	ME86985	.70	35-39	.89	White	D	Low	76%
		1200 x 600 x 19mm	Class A	ME88985	.70	35-39	.89	White	D	Low	76%

Legend

Low Emissions (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 database for low-emitting materials. USG Certificate of Compliance for Low VOC Emissions is available on request. Low emitting is defined as having less than 0.009 mg/m³.

CLIMAPLUS Performance

Lifetime system Warranty (maximum of 30 years) to withstand conditions up to 40°C/95%RH when used with USG DONN suspension systems.

High Recycled Content

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

A	B	C	D
DX®	DX	Centricitee DXT	Centricitee DXT

Grid Profile Options

Physical Data/
Footnotes

Weight

4.7 kg/m²

Environmental Limitations

40°C, 95% RH max.

Thermal Resistance

R 0.39 °C/W

Maximum Backloading

0 kg/m²

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.

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	

Scrubability

Exceeds 1000+ scrub cycles without surface break or the extent of abrasion (ASTM D2486).

Washability

Exceeds 1000+ wash cycles without surface break or the extent of abrasion (ATSM D4828).

Water resistance

Absorption of 1,660 gm/m² per Cobb test (T441 om-84).

Proprietary technology

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

Cleaning Recommendations

To clean panel, use a clean, white cloth with water or a mild detergent and wipe surface. To disinfect panel, lightly spray surface and wipe clean with a clean, white cloth. Acceptable colourless disinfectants include:


- Hydrogen peroxide
- Isopropyl alcohol
- Quaternary ammonium
- Sodium hypochlorite


Footnotes

- Not all panel sizes available in all geographic areas
- Some imperial sizes available to order
- Acoustic Test Standards
NRC to ASTM C423
CAC to ASTM E1414
- LR values are shown as averages
- Panel face and back surfaces treated with a patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mould/mildew.

Safety First!

Follow good safety and industrial hygiene practices during handling and installing of all products and systems. Take necessary precautions and wear the appropriate personal protective equipment as needed. Read material safety data sheets and related literature on products before specification and/or installation.





green building council australia

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