

# MARS™ CLIMAPLUS™ HEALTHCARE

New – Water Repellent Membrane!



MARS Healthcare with CLIMAPLUS with high performance Healthcare Coating/  
DONN DX® Suspension System with high-performance Healthcare Coating

## ADVANTAGES

- Water repellent membrane designed to be durable and safe with common disinfectants<sup>6</sup>.
- Washable, scrubbable and soil resistant finish Impact and scratch resistant.
- Exceeds JIS Z 2801 standard for antimicrobial performance, 3rd party certified.
- Meets the requirement for PC1 and PC2 physical containment facilities<sup>6</sup>.
- High light reflectance (LR .89).
- Excellent noise reduction (NRC .70).
- CLIMAPLUS 30-year lifetime system warranty against visible sag, mould and mildew.

## APPLICATIONS

- Patient Rooms
- Treatment Rooms
- Nurses' Stations
- Waiting Rooms
- Laboratories
- Corridors
- Toilets and Restrooms
- Kitchen/food-prep areas

### Substrate

- X-Technology mineral fibre

## ESD INFORMATION

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

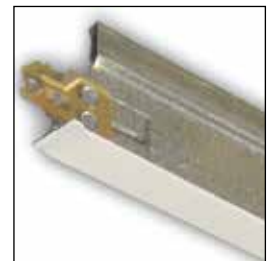
★ Contributes to Green Star points ✓ ESD additional advantages

IEQ						Ene	Mat-14
Increase Daylight Levels	Reduce Lighting Levels	Internal Noise Level Reduction <sup>2</sup>	Low Volatile Organic Compounds	Low Formaldehyde	Mould Prevention	Lighting Density Reduction	Design For Disassembly
★	★	★	✓	✓	✓	★	✓

## Grid Options

DONN DX 24mm  
- available with high performance antimicrobial coating

DONN Certricitée 15mm  
- available with high performance antimicrobial coating



Fine Textured Panel

New-Water Repellant Membrane!

MARS CLIMAPLUS HEALTHCARE PANELS

Edge	Panel Size <sup>12</sup>	Class	Item No.	NRC <sup>3</sup>	CAC <sup>3</sup> Min.	LR <sup>4</sup>	Colour	Grid Options	VOC Emissions	Anti-Mold & Mildew <sup>5</sup>	Recycled Content
SQ	600 x 600 x 19mm	Class A	ME86169	.70	35-39	.89	White	A, C	Low		76%
	1200 x 600 x 19mm	Class A	ME88189	.70	35-39	.89	White	A, C	Low		76%
SLT	600 x 600 x 19mm	Class A	ME86684	.70	35-39	.89	White	B	Low		76%
	1200 x 600 x 19mm	Class A	ME88683	.70	35-39	.89	White	B	Low		76%
FLB	600 x 600 x 19mm	Class A	ME86984	.70	35-39	.89	White	D	Low		76%
	1200 x 600 x 19mm	Class A	ME88983	.70	35-39	.89	White	D	Low		76%

Ø SAC 0.85 + all options (500-4000 Hz speech range)

LEGEND

Low Emission (VOC Class)

Classified as low-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods. Low-emitting is defined as having less than 13.5 ppb. (0.017mg/m<sup>3</sup>).

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.

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 DX	C Centricitee™ DXT™	D Centricitee™ DXT™

An antimicrobial formula designed to adhere to your ceiling design.

The kill rate for the following micro-organisms that land on the surface of the tile is 99% in less than 24 hours. (tested to JIS Z2801): E-coli, Staphylococcus Aureus, Klebsiella Pneumoniae, S. aureus MRSA, Acinebacter Baumannii, Canadida Albicans, Streptococcus Pnuemoniae, Bacillus Cereus<sup>7</sup>, Aspergillus Niger<sup>7</sup>. Testing completed by 3rd party in laboratory conditions.

PHYSICAL DATA/ FOOTNOTES

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

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

**Thermal Resistance**  
R 0.39 °C/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.

**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	

**ASTM D2486 scrubability test**  
(standard test)

**ASTM D4828 washability test**  
(modified test)

**Water Repellency**  
Cobb method (Tappi T441 om-84)  
Water Drop Test

**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 proprietary, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mould/mildew.
- 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
 Do not mix cleaners. Follow cleaner manufacturer's recommendations.
- 99.0% in less than 72 hours (tested to JIS Z 2801):

**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.

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