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

ESD Information
Recycled Content: 75%
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	Low Volatile Organic Compounds	Low Formaldehyde	Mould Prevention	Lighting Density Reduction	Ceilings, Calculator
★	★	★	✓	✓	✓	★	✓

Advantages
– Water repellent membrane designed to be durable and safe with common disinfectants[6].
– 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[6].
– 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

Fine-textured panel

Grid Options

DONN DX 24mm
- available with high performance antimicrobial coating

DONN Certricitee 15mm
- available with high performance antimicrobial coating

Mars™ ClimaPlus™
Healthcare New-Water Repellent Membrane!

30 Year System Warranty
– No visible sag
– Mould/mildew/bacteria protection

Edge	Panel Size[1,2]	Class	Item No	NRC[3]	CAC[3]	LR[4]	Colour	Grid Options	VOC Emissions	Anti-Mould[5] & Mildew	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%

MARS CLIMAPLUS Healthcare Panels

Legend

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

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 Superior Performance[6]
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mould and mildew.

HRC 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.

Grid Profile Options

A	B	C	D
DX©	DX	Centricitee DXT	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 Baumanii, Canadida Albicans, Streptococcus Pnuemoniae, Bacillus Cereus[7], Aspergillus Niger[7]. Testing completed by 3rd party in laboratory conditions.

Physical Data/ Footnotes

Weight
5.2 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 unsprinklered	
ISO 5660 Parts 1 & 2	Group Number Classification : 1 - S	

ASTM D2486 scrubbability test (standard test)

ASTM D4828 washability test (modified test)

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

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 proprietary, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mould/mildew.
6. **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.
7. 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.