

CLIMAPLUS™ PERFORMANCE

Mars™ Healthcare Acoustical Panels

New High-NRC and AirCare™ Coating Options

ADVANTAGES

- Water-repellent membrane designed to be safely cleaned with common disinfectants⁸
- Fully encapsulated edges available on request
- Washable and soil resistant finish. Impact and scratch resistant
- Exceeds JIS Z 2801 standard for antimicrobial performance, 3rd party certified⁶
- Meets the requirement for PC1 and PC2 physical containment facilities⁹
- AirCare™ coating applied to face and back reduces 75% of formaldehyde over a ten year period⁷
- High light reflectance (LR 0.90): reduces light fixtures and energy use
- Excellent noise reduction (NRC 0.85)
- ClimaPlus™ 30-year lifetime system warranty against visible sag, mould and mildew
- Plant-based binder resists water staining

APPLICATIONS

- Patient rooms
- Treatment rooms
- Nurses' stations
- Waiting rooms
- Laboratories
- Corridors
- Toilets and restrooms
- Kitchen/food-prep areas

SUBSTRATE

- Wet-formed mineral fibre



Mars™ Healthcare Acoustical Panels with ClimaPlus™ Performance Donn® DX™ Acoustical Suspension System. Photo: © Andrew Latreille Architects: PERKINS + WILL/KRA/Group 2

Grid Options

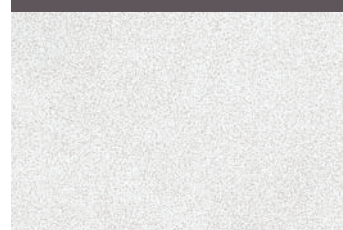


Donn® DX™ 24mm
- available with high performance antimicrobial coating⁶



Donn® Certricitée™ DXT™ 15mm
- available with high performance antimicrobial coating⁶

Fine Textured Panel



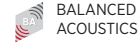


PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS: UL.COM/GG UL 2818

MARS™ HEALTHCARE ACOUSTICAL PANELS

New High-NRC and AirCare™ Coating Options

CLIMAPLUS™ PERFORMANCE



MARS™ HEALTHCARE HIGH-NRC PANELS 85/35

Plant-based Binder

MARS™ HEALTHCARE PANELS 75/35 AIRCARE™ COATING AVAILABLE⁷

MARS™ HEALTHCARE HIGH-CAC PANELS 60/40

Edge	Panel Size ^{1,2}	Item No. ⁷	NRC ³	CAC ³ Min.	LR ⁴	Colour	Grid Options	VOC Emissions	Anti-Mould & Mildew ⁵	Recycled Content
SQ	600 x 600 x 22mm	ME86256	0.85	35	0.90	White	A, B	Low		66%
	1200 x 600 x 22mm	ME88256	0.85	35	0.90	White	A	Low		66%
SLT	600 x 600 x 22mm	ME86257	0.85	35	0.90	White	C	Low		66%
FLB	600 x 600 x 22mm	ME86258	0.85	35	0.90	White	D	Low		66%
SQ	600 x 600 x 19mm	ME86169 ME86169AIR	0.75	35	0.90	White	A, B	Low		69%
	1200 x 600 x 19mm	ME88189 ME88189AIR	0.75	35	0.90	White	A	Low		69%
SLT	600 x 600 x 19mm	ME86684 ME86684AIR	0.75	35	0.90	White	C	Low		69%
	1200 x 600 x 19mm	ME88683 ME88683AIR	0.75	35	0.90	White	C	Low		69%
FLB	600 x 600 x 19mm	ME86984 ME86984AIR	0.75	35	0.90	White	D	Low		69%
	1200 x 600 x 19mm	ME88983 ME88983AIR	0.75	35	0.90	White	D	Low		69%
SQ	600 x 600 x 19mm	ME86270	0.60	40	0.90	White	A, B	Low		71%
	1200 x 600 x 19mm	ME88271	0.60	40	0.90	White	A	Low		71%
SLT	600 x 600 x 19mm	ME86272	0.60	40	0.90	White	C	Low		71%
FLB	600 x 600 x 19mm	ME86273	0.60	40	0.90	White	D	Low		71%
	1200 x 600 x 19mm	ME88273	0.60	40	0.90	White	D	Low		71%

LEGEND

Low Emission (VOC CLASS)

ClimaPlus™ Superior Performance ⁵

Recycled Content

≥ 0.70 NRC

≥ 0.85 LR

Third party (GREENGUARD Gold) 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

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

Total recycled content is base on product composition of post-consumer and pre-consumer (postindustrial) recycled content. ISO 14021:2016.

GRID PROFILE OPTIONS

A DX*	B Centricitee™ DXT™	C DX*	D Centricitee™ DXT™
Available with high performance antimicrobial coating ⁶			

PHYSICAL DATA/ FOOTNOTES

Weight
5.0 - 6.0 kg/m²

Environmental Limitations
49°C, 99% RH max.

Thermal Resistance
R 0.39 (m²K)/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.

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
- 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, Aspergillus Niger. Testing completed by 3rd party in laboratory conditions.
- AirCare™ coating removes formaldehyde by an average of 75% over 10 years at an average indoor concentration of 13 ppb
- 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.

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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