

Mars™ High-NRC / High-CAC Acoustical Panels

ADVANTAGES

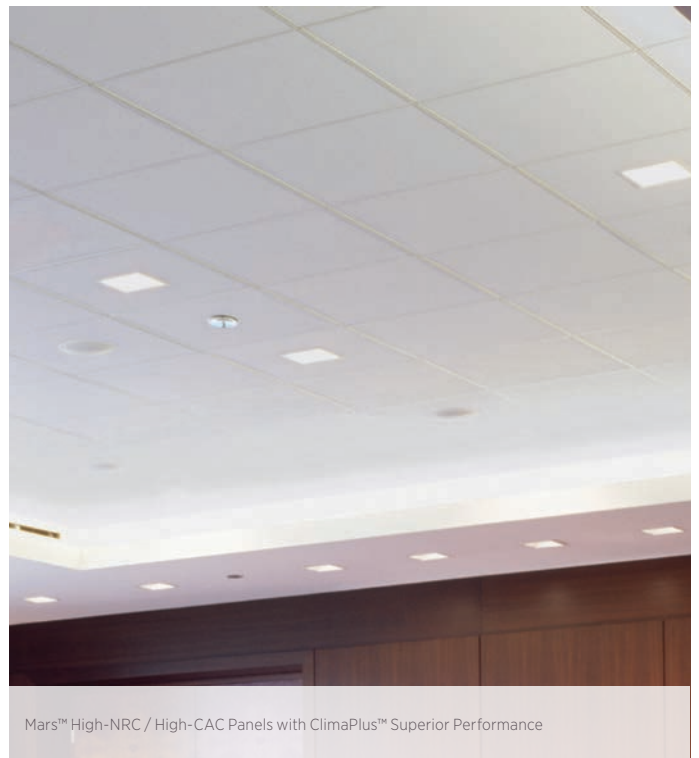
- Superior noise reduction options: NRC 0.80, 0.85, 0.90
- Superior noise isolation options: CAC 0.30, 0.35, 0.40
- High light-reflective finish (LR-0.90) reduces light fixtures and energy use
- Washable and scrubbable finish
- Impact and scratch resistant
- Coordinates visually with Halcyon™ for open-or-closed-plan applications
- Non-directional, monolithic visual reduces installation time and waste
- ClimaPlus™ 30-year lifetime no-sag system warranty against visible sag, mould and mildew
- Plant-based binder resists water staining

APPLICATIONS

- Offices
- Healthcare
- Classrooms and corridors
- Reception areas and lobbies
- Department stores and retail
- Restaurants and hospitality

SUBSTRATE

- Wet-formed mineral fibre



Mars™ High-NRC / High-CAC Panels with ClimaPlus™ Superior Performance

Fine-textured panel

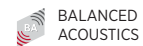




PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS: UL.COM/GG UL 2818

MARS™ HIGH-NRC /HIGH-CAC ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE



MARS™ HIGH-NRC PANELS 90/30

Plant-Based Binder

Edge	Panel Size 1,2	Item No.	NRC 3	CAC 3 Min.	LR 4	Colour	Grid Options	VOC Emissions	Anti-Mould & Mildew 5	Recycled Content
SQ	600 x 600 x 25 mm	ME88137	0.90	30	0.90	White	A, B	Low		66%
	1200 x 600 x 25 mm	ME89137	0.90	30	0.90	White	A	Low		66%
SLT	600 x 600 x 25 mm	ME88138	0.90	30	0.90	White	C	Low		66%
	1200 x 600 x 25 mm	ME89138	0.90	30	0.90	White	C	Low		66%
FLB	600 x 600 x 25 mm	ME88139	0.90	30	0.90	White	D, E	Low		66%
	1200 x 600 x 25 mm	ME89139	0.90	30	0.90	White	D, E	Low		66%

MARS™ HIGH-NRC PANELS 85/35

Plant-Based Binder

SQ	600 x 600 x 22 mm	ME88134	0.85	35	0.90	White	A, B	Low		66%
	1200 x 600 x 22 mm	ME89134	0.85	35	0.90	White	A	Low		66%
SLT	600 x 600 x 22 mm	ME88135	0.85	35	0.90	White	C	Low		66%
	1200 x 600 x 22 mm	ME89135	0.85	35	0.90	White	C	Low		66%
FLB	600 x 600 x 22 mm	ME88136	0.85	35	0.90	White	D, E	Low		66%
	1200 x 600 x 22 mm	ME89136	0.85	35	0.90	White	D, E	Low		66%

MARS™ HIGH-NRC PANELS 80/35

Plant-Based Binder

SQ	600 x 600 x 22 mm	ME86100	0.80	35	0.90	White	A, B	Low		69%
	1200 x 600 x 22 mm	ME86300	0.80	35	0.90	White	A	Low		69%
SLT	600 x 600 x 22 mm	ME87200	0.80	35	0.90	White	C	Low		69%
	1200 x 600 x 22 mm	ME89600	0.80	35	0.90	White	C	Low		69%
FLB	600 x 600 x 22 mm	ME87100	0.80	35	0.90	White	D, E	Low		69%
	1200 x 600 x 22 mm	ME89500	0.80	35	0.90	White	D, E	Low		69%

MARS™ HIGH-CAC PANELS 60/40

SQ	600 x 600 x 19 mm	ME86186	.60	40	0.90	White	A, B	Low		71%
	1200 x 600 x 19 mm	ME87187	.60	40	0.90	White	A	Low		71%
SLT	600 x 600 x 19 mm	ME86786	.60	40	0.90	White	C	Low		71%
	1200 x 600 x 19 mm	ME88786	.60	40	0.90	White	C	Low		71%
FLB	600 x 600 x 19 mm	ME86986	.60	40	0.90	White	D, E	Low		71%
	1200 x 600 x 19 mm	ME88986	.60	40	0.90	White	D, E	Low		71%

LEGEND

Low Emission (VOC Class)

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

ClimaPlus™ Warranty Performance⁵

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

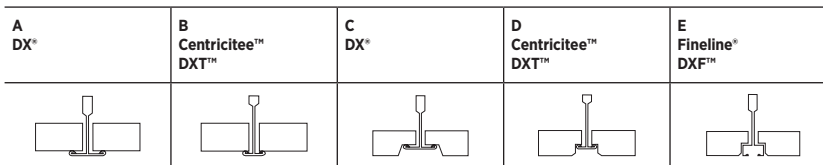
Recycled Content

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

NRC ≥ 0.70 NRC

LR ≥ 0.85 LR

GRID PROFILE OPTIONS



SHORT SPECIFICATION

- Ceiling system shall comprise USG Boral Mars™ ClimaPlus™ High-NRC High-CRC humidity resistant acoustical ceiling panels in DONN® Centricitee™ 15mm / DONN® DX® 24mm DONN® Fineline® 15mm exposed grid including wall trim as manufactured by USG Boral
- Panels shall have NRC 0.90 / 0.85 / 0.80 / 0.60
- Panels shall have CAC 30 / 35 / 40
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 19 / 22 / 25mm
- Edge detail shall be (Fineline® Bevel [FLB] / Shadowline Tapered [SLT] / Square Edge [SQ])
- Limiting Conditions - Maximum 49°C / 99% RH

PHYSICAL DATA/ FOOTNOTES

Weight
4.9 - 6.2 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.

Scrubability

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

Washability

Exceed 1000+ wash cycles without surface break or the extent of abrasion (ASTM 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.

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 patented, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mould/mildew.

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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