

MARS™ CLIMAPLUS™



Mars Panels with ClimaPlus Performance/DONN DX Suspension System

FEATURES AND BENEFITS

- Excellent noise reduction (NRC .70)
- High light-reflective finish (LR-.89) reduces light fixtures and energy use
- Washable and scrubbable finish - impact and scratch resistant
- Meet USDA/FSIS guidelines for use in food processing areas
- Available in Optimized Recycled Content formulations to help maximize LEED recycled content contribution
- Coordinates visually with Halcyon for open/closed plan applications
- Non-directional, monolithic visual reduces installation time and waste
- ClimaPlus™ 30-year lifetime system warranty against visible sag when used with a DONN® Brand suspension system.

APPLICATIONS

- Offices
- Conference rooms
- Healthcare
- Classrooms
- Corridors
- Reception/Lobby areas
- Dining rooms, kitchens and food prep areas

SUBSTRATE

- X-Technology mineral fiber

 High Recycled Content

Medium-textured panel



MARS CLIMAPLUS PANELS

Edge	Panel Size ³	Class	Item No.	NRC	CAC Min.	LR ²	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content ¹			
											Total	PC	PI	LEED RC
SQ	600 x 600 x 19	Class A	ME86185	.70	35	.89	White	A, B, C	Low		75.1%	0.0%	75.1%	37.6%
	1200 x 600 x 19	Class A	ME88185	.70	35	.89	White	A, B	Low		75.1%	0.0%	75.1%	37.6%
SLT	600 x 600 x 19	Class A	ME86785	.70	35	.89	White	D	Low		75.1%	0.0%	75.1%	37.6%
	600 x 600 x 19	Class A	ME88785	.70	35	.89	White	D	Low		75.1%	0.0%	75.1%	37.6%
FLB	600 x 600 x 19	Class A	ME86985	.70	35	.89	White	E, F	Low		75.1%	0.0%	75.1%	37.6%
	1200 x 600 x 19	Class A	ME88985	.70	35	.89	White	E, F	Low		75.1%	0.0%	75.1%	37.6%

LEGEND

Low Emission (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 data base for low-emitting materials. USG Certificate of Compliance for Low VOC Emissions also available in usg.com

CLIMAPLUS Superior Performance⁵
 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.

NRC ≥ .70
LR ≥ .85

GRID PROFILE OPTIONS

A DX®	B DXW™	C Centricitee™ DXT™	D DX®	E Centricitee™ DXT™	F Fineline® 1/4" DXF™

Short Specification:

- Ceiling system shall comprise USG Mars™ ClimaPlus™ high humidity / fire resistant acoustical ceiling panels in (DONN Centricitee 15mm [9/16"] / DONN DX 24mm [15/16"] DONN Fineline 15mm [9/16"] exposed grid including wall trim as manufactured by USG Boral.
- Panels shall have NRC 0.70.
- Panels shall have CAC 35.
- Nominal size (600mm x 600mm / 600mm x 1200mm) x 19mm / (2' x 2' / 2' x 4') x 3/4".
- Edge detail shall be (Fineline Bevel [FLB] / Shadowline Tapered [SLT] / Square edge [SQ]).
- Limiting Conditions - Maximum 49°C (120°F)/99% RH.

PHYSICAL DATA/ FOOTNOTES

<p>Weight 4.7kg/m²</p> <p>Environmental Limitations 49°C, 99% RH max.</p> <p>Thermal Resistance R 0.39°C/W</p> <p>Maximum Backloading 0kg/m²</p> <p>Maintenance Can be cleaned easily with a soft brush or vacuum.</p> <p>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.</p>	<p>Scrubability Exceed 1000+ scrub cycles without surface break or the extent of abrasion (ASTM D2486)</p> <p>Washability Exceed 1000+ wash cycles without surface break or the extent of abrasion (ASTM D4828).</p> <p>Water resistance Absorption of 1,660 gm/m² per Cobb test (T441 om-84).</p>	<p>Proprietary technology This product's unique combination of sag resistance and sound performance results from proprietary technology.</p> <p>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 colorless disinfectants include: - Hydrogen peroxide - Isopropyl alcohol - Quaternary ammonium - Sodium hypochlorite</p>	<p>Footnotes</p> <ol style="list-style-type: none"> 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.
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Reaction to Fire

Standard	Flame Spread	Smoke Developed
ASTM E84	<25	<50
AS/NZS 3837	Group Number Classification: 1 unspinklered	
ISO 5860 Parts 1 & 2	Group Number Classification: 1 - S	



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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

