



# Mars™

## ClimaPlus™



LIFETIME  
LIMITED  
WARRANTY

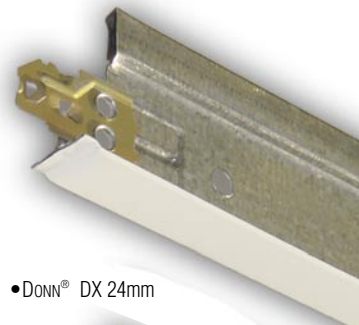
Smooth textured panel



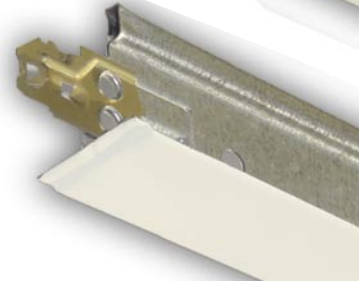
- Advantages**
- Smooth non-perforated finish.
  - Ultra high light reflectance (92%)
  - Formulated to resist high temperature and high humidity.
  - High resistance to scratching and edge damage.
  - Lightweight - easy to cut and install
  - USG's grid and acoustical panel systems are covered by a Lifetime Warranty\*

- Applications**
- Offices
  - Boardrooms
  - Hospitals
  - Cinemas
  - Schools
  - Showrooms
  - Restaurants
  - Swimming Pools

**Grid Options** • DONN® CENTRICITEE 15mm






• DONN® DX 24mm







MARS™ Panels with CLIMAPLUS™ Performance/Donn® Brand CENTRICITEE® Suspension system



**MARS™ CLIMAPLUS™ Panels**

Edge Detail	Panel Size <sup>3</sup>	Class	Item No.	NRC <sup>4</sup> Range <sup>5</sup>	CAC <sup>6</sup> Range	Grid Options	Recycled Content	Colour
 (SQ)	600 x 600 x 19mm	A	ME86185	.70 - .80	35 - 39	A, C	77%	White
	1200 x 600 x 19mm	A	ME88185	.70 - .80	35 - 39	A, C	77%	White
 (SLT)	600 x 600 x 19mm	A	ME86785	.75 - .85	35 - 39	B	77%	White
	1200 x 600 x 19mm	A	ME88785	.75 - .85	35 - 39	B	77%	White
 (FLB)	600 x 600 x 19mm	A	ME86985	.70 - .80	35 - 39	D	77%	White
	1200 x 600 x 19mm	A	ME88985	.70 - .80	35 - 39	D	77%	White

**Grid Options**

A	B	C	D
 DONN® DX	 DONN® CENTRICITEE	 DONN® CENTRICITEE	 DONN® CENTRICITEE

<sup>5</sup>SAC 0.9, 500 - 4000Hz speech range

**Installation:** Shall not commence until the building is watertight, dry, all wet trades (terrazzo, plaster) completed and free of chemical fumes. Do not mix production lots in same ceiling. Environmental conditions are not to exceed 40°C (104°F) and 95% relative humidity.

**Light Fixtures and Fittings:** Shall be independently supported, or load transferred to the grid. Ensure grid point loads are within limitations per Loadings Brochure TLD/1-02

**Panel uplift:** Use clips to secure panels in regions of high wind or seismic conditions.

**Workability:** Easily cut with a standard trimming knife.

**Handling and Storage:** Store flat in a dry location. Handle with care avoiding damage to corners and edges. Do not store on edge or ends. Protect when freighting.

**Cleaning:** Easily cleaned with a soft nozzle vacuum cleaner or a damp cloth or sponge (not wet).

**Short Specification:**

- Ceiling system shall comprise **USG Mars™ CLIMAPLUS™** high humidity / fire resistant acoustical ceiling panels in (DONN CENTRICITEE 15mm face / DONN DX 24mm face) exposed grid including wall trim as manufactured by USG Interiors.
- Panels shall have NRC ..... - .....  
<sup>5</sup>SAC 0.9, 500 - 4000Hz speech range

- Panels shall have CAC 35 - 39.
- Nominal size (600mm x 600mm / 1200mm x 600mm) x 19mm
- Edge details shall be (fineline Bevel [FLB] / Shadowline Tapered [SLT] / Square Edge [SQ]).
- Limiting Conditions - Maximum 40°C (104°F) and 95% RH.

**Technical Data**

**Weight:**  
5.1 kg/m<sup>2</sup>

**Recommended Suspension:**  
DONN CENTRICITEE or DONN DX.

**Conditions:**  
Maximum 40°C, 95% RH.

**Light Reflectance (ASTM C523):**  
LR - 1 (Actual .92)

**Backloading:**  
None

**Thermal Resistance (ASTM C177 - 82):**  
R 0.37m<sup>2</sup> °C/W

**Edge Compression Resistance:**  
6.5mm diameter blunt pin for a least 7kg/cm<sup>2</sup>

**Fire Performance:**

Index	Ignitability	Spread of Flame	Heat Evolved	Smoke Developed
AS1530 3 <sup>2</sup>	0	0	0	3
ASTM E84	-	25	-	25

**Scrubability:**

Using Gardner Scrubability Test, 150 scrub cycles without surface break (ASTM D246).

**Water Resistance:**

Absorption of 1,660 gm/m<sup>2</sup> per Cobb Test (T441om-84).

**Footnotes**

- Acoustic Test Standards**  
NRC to ASTM C423  
CAC to ASTM E1414
- Test Report:** APL98003 - full copy available on request
- Imperial panel** sizes available. Contact your USG Ceiling Systems Specialist.

**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.

**Distributor:**



\*Warranty covers USG acoustical ceiling panel and USG DONN® Brand grid systems against defects in material or manufacturing workmanship for the useful life of the ceiling system, up to a maximum of 30 years. See your regional USG Ceiling Systems Specialist for full warranty details.