



MARS Panels with *CLIMAPLUS* Superior Performance/
DOWN DX/DXL Suspension System

LEED Credits

Recycled Content: 76% – 85%
LEED Recycled Content Contribution: 38% – 50%
CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction ¹	Recycled Content	Regional Materials ²	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●	●	●	●	●

Features and Benefits

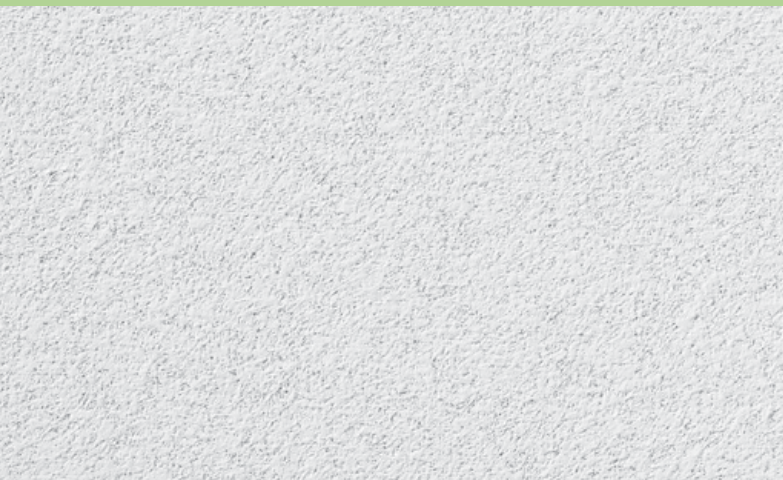
- Excellent noise reduction (NRC .70)
- High light-reflective finish (LR-.89) reduces light fixtures and energy use
- Washable and scrubbable finish – impact and scratch resistant
- Meets USDA/FSIS guidelines for use in food processing areas
- Available in Optimized Recycled Content formulations to help 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, mold and mildew

Applications

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

Substrate

- X-Technology mineral fiber



Fine-textured panel

To order samples, go to usg.com



White

30

Year System Warranty
 – No visible sag
 – Mold/mildew protection

MARS CLIMAPLUS
 Panels

Edge	Panel Size	Class	Item No.	UL Classified			Color	Grid Options	VOC ⁶ Emissions	Anti-Mold & Mildew	Recycled Content				Panel Cost	
				NRC	CAC Min. ³	LR ⁴					Total	PC	PI	LEED RC		
SQ 	2'x2'x3/4"	Class A	86185	.70	35	.89	White	A, B, C	Low			76%	0%	76%	38%	\$\$
	2'x2'x3/4"	Class A	86185HRC	.70	35	.89	White	A, B, C	Low			81%	18%	63%	49.5%	\$\$
	2'x4'x3/4"	Class A	88185	.70	35	.89	White	A, B	Low			76%	0%	76%	38%	\$\$
	2'x4'x3/4"	Class A	88185HRC	.70	35	.89	White	A, B	Low			81%	18%	63%	49.5%	\$\$
SLT 	2'x2'x3/4"	Class A	86785	.70	35	.89	White	D	Low			76%	0%	76%	38%	\$\$
	2'x2'x3/4"	Class A	86785HRC	.70	35	.89	White	D	Low			81%	18%	63%	49.5%	\$\$
	2'x4'x3/4"	Class A	88785	.70	35	.89	White	D	Low			76%	0%	76%	38%	\$\$
	2'x4'x3/4"	Class A	88785HRC	.70	35	.89	White	D	Low			81%	18%	63%	49.5%	\$\$
FLB 	2'x2'x3/4"	Class A	86985	.70	35	.89	White	E, F, G, H	Low			76%	0%	76%	38%	\$\$
	2'x2'x3/4"	Class A	86985HRC	.70	35	.89	White	E, F, G, H	Low			81%	18%	63%	49.5%	\$\$
	2'x4'x3/4"	Class A	88985	.70	35	.89	White	E, F, G, H	Low			76%	0%	76%	38%	\$\$
	2'x4'x3/4"	Class A	88985HRC	.70	35	.89	White	E, F, G, H	Low			81%	18%	63%	49.5%	\$\$
	30" x 30" x 3/4"	Class A	86830	.70	35	.89	White	E, F, G, H	Low			76%	0%	76%	38%	\$\$

Legend

Low Emissions (VOC Class)

Classified as low-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.

CLIMAPLUS Superior Performance⁵

Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed 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.

Grid Profile Options

A DX [®] /DXL™	B DXW™	C CENTRICITEE™ DXT	D DX/DXL	E CENTRICITEE™ DXT	F FINELINE [®] DXF	G FINELINE [®] 1/8 DXFF	H IDENTITEE™ DXI™

Physical Data/
 Footnotes

Product literature
 Data sheet: SC1966

ASTM E1264 classification
 Type IV, Form 1 and 2, Pattern E, G

ASTM E84 surface burning characteristics
 Class A

Flame spread: 25
 Smoke developed: 50

Weight
 .96-1.05 lb./sq. ft.

Thermal resistance
 R-2.2

Maximum backloading
 See Warranty for details.

Maintenance
 Can be cleaned easily with a soft brush or vacuum.

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

Washability
 Exceeds 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).

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

Footnotes
 1. Applies when USG acoustical ceilings recycling program is utilized.
 2. For details, see LEED report generator at usgdesignstudio.com.
 3. Adding sound masking can be as effective as using a ceiling panel with a higher CAC rating, providing increased privacy between enclosed office spaces.
 4. LR values are shown as averages.
 5. Panel face and back surfaces treated with a proprietary, broad-spectrum anti-microbial standard formulation that inhibits and retards the growth of mold, mildew and bacteria. For details,

see *Ceiling Systems Limited Warranty Commercial Applications* (SC2102) and *CLIMAPLUS Ceilings Certification of Performance* (SC2451).
 6. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, LLC.

