

# Mars™ *ClimaPlus*™ High-NRC



High Recycled Content



MARS High-NRC Panels with *CLIMAPlus* Superior Performance/  
DONN DX/DXL Suspension System

## LEED Credits

Recycled Content: 77%

*CLIMAPlus* Superior Performance for Mold and Mildew

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

## Features and Benefits

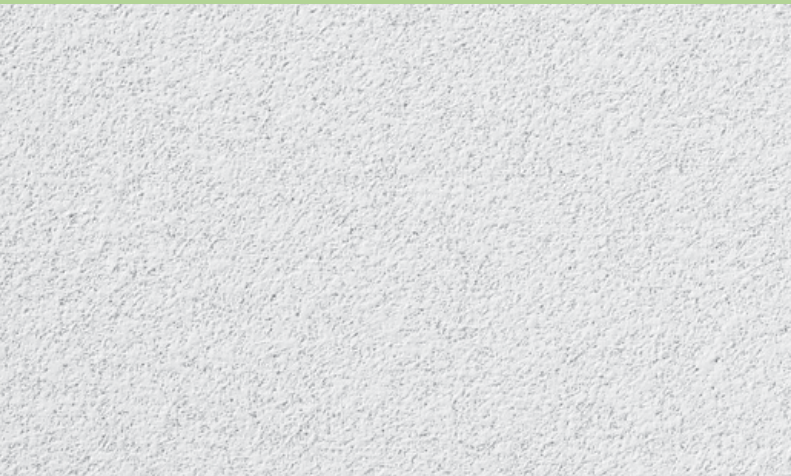
- Excellent noise reduction (NRC—.80)
- High light-reflective finish (LR—.89) reduces light fixtures and energy use
- Washable and scrubbable finish – impact and scratch resistant
- Meets USDA/FSIS guidelines for use in food processing areas
- Coordinates visually with *HALCYON* for open/closed plan applications
- Non-directional, monolithic visual reduces installation time and waste
- *CLIMAPlus*™ 30-year lifetime system warranty against visible sag, mold and mildew

## Applications

- Offices
- Healthcare
- Classrooms
- Corridors
- Reception areas and lobbies
- Department stores and retail
- Dining rooms, kitchens and food preparation areas

## Substrate

- X-Technology mineral fiber



Fine-textured panel

To order samples, go to [usg.com](http://usg.com)



White

# Mars™ ClimaPlus™ High-NRC

To order samples/literature:  
– Web: [usg.com](http://usg.com)  
– E-mail: [samplit@usg.com](mailto:samplit@usg.com)  
– Fax: 888 874.2348  
Technical Services: 800 USG.4YOU












































Web Sites: [usg.com](http://usg.com)  
[usgdesignstudio.com](http://usgdesignstudio.com)  
[sustainableceilings.com](http://sustainableceilings.com)  
[seismicceilings.com](http://seismicceilings.com)

See [usg.com](http://usg.com) for  
the most up-to-date  
product information.

30

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

MARS CLIMAPlus  
High-NRC Panels

UL Classified												
Edge	Panel Size	Class	Item No.	NRC	CAC Min. <sup>3</sup>	LR <sup>4</sup>	Color	Grid Options	VOC <sup>5</sup> Emissions	Anti-Mold & Mildew	Recycled Content <sup>2</sup>	Panel Cost
												
SQ 	2'x2'x7/8"	Class A	86100	.80 	35	.89 	White	A, B, C	Low		77% 	\$
	2'x4'x7/8"	Class A	86300	.80 	35	.89 	White	A, B	Low		77% 	\$
SLT 	2'x2'x7/8"	Class A	87200	.80 	35	.89 	White	D	Low		77% 	\$
	2'x4'x7/8"	Class A	89600	.80 	35	.89 	White	D	Low		77% 	\$
	30"x30"x7/8"	Class A	86500	.80 	35	.89 	White	D	Low		77% 	\$
FLB 	2'x2'x7/8"	Class A	87100	.80 	35	.89 	White	E, F, G, H	Low		77% 	\$
	2'x4'x7/8"	Class A	89500	.80 	35	.89 	White	E, F, G, H	Low		77% 	\$
	30"x30"x7/8"	Class A	86400	.80 	35	.89 	White	E, F, G, H	Low		77% 	\$

## 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 Performance<sup>6</sup>

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.

### HRC 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: SC2487

### 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/m<sup>2</sup> 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

### Proprietary technology

This product's unique combination of sag resistance and sound performance results from a proprietary technology.

### Footnotes

1. Applies when USG acoustical ceilings recycling program is utilized.
2. For details, see LEED report generator at [usgdesignstudio.com](http://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).  
8. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, LLC.



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550 West Adams Street  
Chicago, IL 60661

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

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