

# USG MARS™ HIGH-NRC/HIGH-CAC ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER<sup>9</sup>



USG Mars™ High-NRC Acoustical Panels with ClimaPlus™ Performance, and USG Donn® Brand Centricitee™ DXT™ Acoustical Suspension System  
Lowell Justice Center in Lowell, MA,  
Architect: Finegold Alexander Architects, Photo: ©Anton Grassi

TO ORDER SAMPLES, GO TO [USG.COM](http://USG.COM) OR [CGCINC.COM](http://CGCINC.COM)

## FEATURES AND BENEFITS

- Balanced acoustics with a wide range of options: NRC up to 0.95 and CAC up to 40.
- High light-reflective finish (LR-0.90 White products).
- Washable and scrubbable finish.<sup>6</sup>
- Impact and scratch resistant.<sup>6</sup>
- Coordinates visually with USG Halcyon™ Acoustical Panels for open- or closed-plan applications.
- Nondirectional, monolithic visual reduces installation time and waste.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- GREENGUARD Gold certified for low emitting performance.
- USG Mars™ High-NRC/High-CAC Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today's sustainability standards. For sustainability documentation go to [USG.com](http://USG.com) or [CGCInc.com](http://CGCInc.com).

## APPLICATIONS

- Offices
- Healthcare
- Classrooms and Corridors
- Reception Areas and Lobbies
- Department Stores and Retail
- Restaurants and Hospitality

## SUBSTRATE

- Wet-formed Mineral Fiber

### PREMIUM COLORS



### STANDARD COLOR



### CUSTOM COLOR



Unlimited  
Color Options

Fine-Textured Panel

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## ACOUSTICAL PANELS

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PRODUCT CERTIFIED  
FOR LOW CHEMICAL  
EMISSIONS:  
ULCOM/GG  
UL2818



### USG MARS™ HIGH-NRC PANELS 95/30

Plant-Based Binder

### USG MARS™ HIGH-NRC PANELS 90/30

Plant-Based Binder

### USG MARS™ HIGH-NRC PANELS 85/35

Plant-Based Binder

UL Classified <sup>5</sup>												
Edge	Panel Size	Fire Rating	Item No.	NRC <sup>10</sup>	CAC Min.	LR <sup>2</sup>	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content <sup>1</sup>	Panel Cost
SQ	2'x2'x1.3"	Class A	88280	0.95	30	0.90	White	A, B, C	Low		21%	\$\$\$
	2'x4'x1.3"	Class A	88281	0.95	30	0.90	White	A, B	Low		21%	\$\$\$
	30"x30"x1.3"	Class A	88282	0.95	30	0.90	White	A, B	Low		21%	\$\$\$
SL	2'x2'x1.3"	Class A	88285	0.95	30	0.90	White	I	Low		21%	\$\$\$
	2'x4'x1.3"	Class A	88286	0.95	30	0.90	White	I	Low		21%	\$\$\$
	30"x30"x1.3"	Class A	88287	0.95	30	0.90	White	I	Low		21%	\$\$\$
FL	2'x2'x1.3"	Class A	88290	0.95	30	0.90	White	J, K, L, M	Low		21%	\$\$\$
	2'x4'x1.3"	Class A	88291	0.95	30	0.90	White	J, K, L, M	Low		21%	\$\$\$
	30"x30"x1.3"	Class A	88292	0.95	30	0.90	White	J, K, L, M	Low		21%	\$\$\$
SQ	2'x2'x1"	Class A	88137	0.90	30	0.90	White, color <sup>7</sup>	A,B,C	Low		71%	\$\$\$
	2'x4'x1"	Class A	89137	0.90	30	0.90	White	A,B	Low		71%	\$\$\$
	30"x30"x1"	Class A	80213	0.90	30	0.90	White	A,B	Low		71%	\$\$\$
	30"x60"x1"	Class A	89143	0.90	30	0.90	White	A,B	Low		71%	\$\$\$
SLT	2'x2'x1"	Class A	88138	0.90	30	0.90	White, color <sup>7</sup>	D	Low		71%	\$\$\$
	2'x4'x1"	Class A	89138	0.90	30	0.90	White	D	Low		71%	\$\$\$
	30"x30"x1"	Class A	80239	0.90	30	0.90	White	D	Low		71%	\$\$\$
	30"x60"x1"	Class A	89144	0.90	30	0.90	White	D	Low		71%	\$\$\$
FLB	2'x2'x1"	Class A	88139	0.90	30	0.90	White, color <sup>7</sup>	E,F,G,H	Low		71%	\$\$\$
	2'x4'x1"	Class A	89139	0.90	30	0.90	White	E,F,G,H	Low		71%	\$\$\$
	30"x30"x1"	Class A	80265	0.90	30	0.90	White	E,F,G,H	Low		71%	\$\$\$
	30"x60"x1"	Class A	89145	0.90	30	0.90	White	E,F,G,H	Low		71%	\$\$\$
SQ	2'x2'x7/8"	Class A	88134	0.85	35	0.90	White, color <sup>7</sup>	A,B,C	Low		72%	\$\$\$
	2'x4'x7/8"	Class A	89134	0.85	35	0.90	White	A,B	Low		72%	\$\$\$
	30"x30"x7/8"	Class A	80113	0.85	35	0.90	White	A,B	Low		72%	\$\$\$
	30"x60"x7/8"	Class A	89140	0.85	35	0.90	White	A,B	Low		72%	\$\$\$

**Low Emissions (VOC)**  
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v1.2 - 2017 (CA Section 01350). 'Certificates of Compliance' for Low VOC Emissions are available on usg.ecomedes.com and at spot.ul.com.

**ClimaPlus™ Warranty Performance<sup>3</sup>**  
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Includes sag-resistance performance.

**High Recycled Content**  
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of pre-consumer (post-industrial) and post-consumer recycled content per FTC guidelines.

# USG MARS™ HIGH-NRC/HIGH-CAC

## ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE WITH PLANT-BASED BINDER<sup>9</sup>

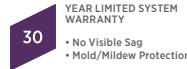
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PRODUCT CERTIFIED  
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UL 2818



### USG MARS™ HIGH-NRC PANELS 85/35

Plant-Based Binder

### USG MARS™ HIGH-NRC/ HIGH-CAC PANELS 80/40

Plant-Based Binder

### USG MARS™ HIGH-NRC PANELS 80/35

Plant-Based Binder

UL Classified												
Edge	Panel Size	Fire Rating	Item No.	NRC <sup>10</sup>	CAC Min.	LR <sup>2</sup>	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content <sup>1</sup>	Panel Cost
SLT	2'x2'x7/8"	Class A	88135	0.85	35	0.90	White, color <sup>7</sup>	D	Low		74%	\$\$\$
	2'x4'x7/8"	Class A	89135	0.85	35	0.90	White	D	Low		74%	\$\$\$
	30"x30"x7/8"	Class A	80139	0.85	35	0.90	White	D	Low		74%	\$\$\$
	30"x60"x7/8"	Class A	89141	0.85	35	0.90	White	D	Low		74%	\$\$\$
FLB	2'x2'x7/8"	Class A	88136	0.85	35	0.90	White, color <sup>7</sup>	E,F,G,H	Low		74%	\$\$\$
	2'x4'x7/8"	Class A	89136	0.85	35	0.90	White	E,F,G,H	Low		74%	\$\$\$
	30"x30"x7/8"	Class A	80165	0.85	35	0.90	White	E,F,G,H	Low		74%	\$\$\$
	30"x60"x7/8"	Class A	89142	0.85	35	0.90	White	E,F,G,H	Low		74%	\$\$\$
SQ	2'x2'x1"	Class A	86345	0.80	40	0.90	White	A,B,C	Low		74%	\$\$
	2'x4'x1"	Class A	88345	0.80	40	0.90	White	A,B	Low		74%	\$\$
SLT	2'x2'x1"	Class A	86346	0.80	40	0.90	White	D	Low		74%	\$\$
	2'x4'x1"	Class A	88346	0.80	40	0.90	White	D	Low		74%	\$\$
FLB	2'x2'x1"	Class A	86347	0.80	40	0.90	White	E,F,G,H	Low		74%	\$\$
	2'x4'x1"	Class A	88347	0.80	40	0.90	White	E,F,G,H	Low		74%	\$\$
SQ	2'x2'x7/8"	Class A	86100	0.80	35	0.90	White	A,B,C	Low		74%	\$\$
	2'x4'x7/8"	Class A	86300	0.80	35	0.90	White	A,B	Low		74%	\$\$
	30"x30"x7/8"	Class A	86426	0.80	35	0.90	White	A,B	Low		74%	\$\$
	30"x60"x7/8"	Class A	86429	0.80	35	0.90	White	A,B	Low		74%	\$\$
SLT	2'x2'x7/8"	Class A	87200	0.80	35	0.90	White	D	Low		74%	\$\$
	2'x4'x7/8"	Class A	89600	0.80	35	0.90	White	D	Low		74%	\$\$
	30"x30"x7/8"	Class A	86500	0.80	35	0.90	White	D	Low		74%	\$\$
	30"x60"x7/8"	Class A	86466	0.80	35	0.90	White	D	Low		74%	\$\$
FLB	2'x2'x7/8"	Class A	87100	0.80	35	0.90	White	E,F,G,H	Low		74%	\$\$
	2'x4'x7/8"	Class A	89500	0.80	35	0.90	White	E,F,G,H	Low		74%	\$\$
	30"x30"x7/8"	Class A	86400	0.80	35	0.90	White	E,F,G,H	Low		74%	\$\$
	30"x60"x7/8"	Class A	86497	0.80	35	0.90	White	E,F,G,H	Low		74%	\$\$

#### Low Emissions (VOC)

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#### ClimaPlus™ Warranty Performance<sup>3</sup>

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

#### High Recycled Content

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USG MARS™  
HIGH-CAC PANELS  
60/40

UL Classified												
Edge	Panel Size	Fire Rating	Item No.	NRC <sup>10</sup>	CAC Min.	LR <sup>2</sup>	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content <sup>1</sup>	Panel Cost
	2'x2'x3/4"	Class A	86186	0.60	40	0.90	White, color <sup>7</sup>	A,B,C	Low		76%	\$\$\$
	2'x4'x3/4"	Class A	87187	0.60	40	0.90	White	A,B	Low		76%	\$\$\$
	2'x2'x3/4"	Class A	86786	0.60	40	0.90	White, color <sup>7</sup>	D	Low		76%	\$\$\$
	2'x4'x3/4"	Class A	88786	0.60	40	0.90	White	D	Low		76%	\$\$\$
	2'x2'x3/4"	Class A	86986	0.60	40	0.90	White, color <sup>7</sup>	E,F,G,H	Low		76%	\$\$\$
	2'x4'x3/4"	Class A	88986	0.60	40	0.90	White	E,F,G,H	Low		76%	\$\$\$

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GRID PROFILE OPTIONS

A USG DX*	B USG DXW™	C <sup>4</sup> USG Centricitee™ DXT™	D USG DX*	E USG Centricitee™ DXT™	F USG Fineline® DXF™	G <sup>8</sup> USG Fineline® 1/8 DXFF™	H USG Identitee® DXI™
I USG DX*	J USG Centricitee™ DXT™	K USG Fineline® DXF™	L USG Fineline® 1/8 DXFF™	M USG Identitee® DXI™			

PHYSICAL DATA/  
FOOTNOTES

**Product literature**  
Data sheet: SC2487

**ASTM E1264 classification**  
ASTM E1264-22: Type IV, Form 1 and 2, Pattern E, G  
ASTM E1264-23: Type A, Form A2.1 and A2.2, Pattern E, G

**ASTM E84 and CAN/ULC S102 surface-burning characteristics**  
Class A  
Flame spread: 25 or less  
Smoke developed: 50 or less

**Weight**  
1.09 - 1.36 lb./sq.ft.

**Online tools**  
usgdesignstudio.com, cgcdesignstudio.com or usg.ecomedes.com

**Thermal resistance**  
R-2.2 (3/4" panel)  
R-4.5 (1.3" panel)

**Maximum backloading**  
See USG 30-Year Limited System Warranty Commercial Applications (SC2102).

**Maintenance**  
Can be cleaned easily with a soft brush or vacuum. To clean white panels, use a clean, white cloth with water or a mild detergent and wipe surface.

**Metric sizes available**  
Contact sales for minimum quantities and lead times.

**Notes**

- For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
- LR values are shown as averages.
- For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- Maximum 2'x2' with SQ edge panels.
- Acoustic values are for white only. Colored values are lower depending on specific color selected.
- White panels only.
- Available in Premium and Custom Colors.
- Not available in Premium or Custom Colors.
- All USG Mars™ High-NRC Acoustical Panels with a "plant-based binder" label contain up to 65% plant-based material in the binder. For more information, please refer to the USG Mars Acoustical Panels Health Product Declaration, available at www.usg.com.
- It is not recommended to mix panels with varying NRC values in the same ceiling plane.

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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.

