

# USG MARS™ HEALTHCARE ACOUSTICAL PANELS CLIMAPLUS™ PERFORMANCE WITH CLEAN ROOM, HIGH-NRC AND AIRCARE™ COATING OPTIONS



USG Mars™ Healthcare  
Acoustical Panels with ClimaPlus™  
Performance/USG Donn® Brand DX\*/  
DXL™ Acoustical Suspension System

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



Flat White  
050

## FEATURES AND BENEFITS

- Balanced acoustics. High-NRC and High-CAC provide excellent sound control that assist in addressing HIPAA standards.
- Water-repellent membrane designed to be durable and safe with common disinfectants.\*\*
- Washable and soil-resistant finish. Impact and scratch resistant.
- Acoustics and cleanability exceed FGI guidelines for healthcare.
- Meets USDA/FSIS guidelines for use in food-processing areas.
- Achieves FDA standards for smoothness, durability and cleanability.
- Clean Room tested to ISO 5 (Class 100) (Items 86169CR, 88189CR, 86684CR, 88683CR).
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- AirCare™ coating applied to face and back reduces 75% of formaldehyde over a 10-year period.<sup>4</sup>
- GREENGUARD Gold certified for low emitting performance.
- USG Mars™ Healthcare Acoustical Panels is 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

- Kitchen and Food-prep Areas
- Lavatories and Restrooms
- Laboratories and Clean Rooms
- Nurses' Stations/ Waiting Rooms
- Treatment/Patient Rooms

## SUBSTRATE

- Wet-formed Mineral Fiber

Fine-Textured Panel

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PRODUCT CERTIFIED  
FOR LOW CHEMICAL  
EMISSIONS:  
ULCOM/CG  
UL2818



UL Classified

Edge	Panel Size	Fire Rating	Item No.	NRC	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'x7/8"	Class A	86256	0.85	35	0.90	White	A,B,C,D,E,F	Low		74%	\$\$
	2'x4'x7/8"	Class A	88256	0.85	35	0.90	White	A,B,D,E,F	Low		74%	\$\$
SLT 	2'x2'x7/8"	Class A	86257	0.85	35	0.90	White	G,H,I,J	Low		74%	\$\$
FLB 	2'x2'x7/8"	Class A	86258	0.85	35	0.90	White	C,L,M,N	Low		74%	\$\$
SQ 	2'x2'x1"	Class A	86115	0.80	40	0.90	White	A,B,C,D,E,F	Low		74%	\$\$
	2'x4'x1"	Class A	88115	0.80	40	0.90	White	A,B,D,E,F	Low		74%	\$\$
SLT 	2'x2'x1"	Class A	86343	0.80	40	0.90	White	G,H,I,J	Low		74%	\$\$
	2'x4'x1"	Class A	88343	0.80	40	0.90	White	G,H,I,J	Low		74%	\$\$
FLB 	2'x2'x1"	Class A	86344	0.80	40	0.90	White	C,L,M,N	Low		74%	\$\$
	2'x4'x1"	Class A	88344	0.80	40	0.90	White	C,L,M,N	Low		74%	\$\$
SQ 	2'x2'x7/8"	Class A	86152	0.80	35	0.90	White	A,B,C,D,E,F	Low		74%	\$\$
	2'x4'x7/8"	Class A	86340	0.80	35	0.90	White	A,B,D,E,F	Low		74%	\$\$
SLT 	2'x2'x7/8"	Class A	86470	0.80	35	0.90	White	G,H,I,J	Low		74%	\$\$
FLB 	2'x2'x7/8"	Class A	86750	0.80	35	0.90	White	C,L,M,N	Low		74%	\$\$
SQ 	2'x2'x3/4"	Class A	86169	0.75	35	0.90	White	A,B,C,D,E,F	Low		73%	\$\$
	2'x4'x3/4"	Class A	88189	0.75	35	0.90	White	A,B,D,E,F	Low		73%	\$\$
SLT 	2'x2'x3/4"	Class A	86684	0.75	35	0.90	White	G,H,I,J	Low		73%	\$\$
	2'x4'x3/4"	Class A	88683	0.75	35	0.90	White	G,H,I,J	Low		73%	\$\$
FLB 	2'x2'x3/4"	Class A	86984	0.75	35	0.90	White	C,L,M,N	Low		73%	\$\$
	2'x4'x3/4"	Class A	88983	0.75	35	0.90	White	C,L,M,N	Low		73%	\$\$
SQ 	2'x2'x3/4"	Class A	86270	0.60	40	0.90	White	A,B,C,D,E,F	Low		77%	\$\$
	2'x4'x3/4"	Class A	88277	0.60	40	0.90	White	A,B,D,E,F	Low		77%	\$\$
SLT 	2'x2'x3/4"	Class A	86272	0.60	40	0.90	White	G,H,I,J	Low		77%	\$\$
FLB 	2'x2'x3/4"	Class A	86273	0.60	40	0.90	White	C,L,M,N	Low		77%	\$\$
	2'x4'x3/4"	Class A	88273	0.60	40	0.90	White	C,L,M,N	Low		77%	\$\$

**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™ HEALTHCARE ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE — NEW CLEAN ROOM, HIGH-NRC AND AIRCARE™  
COATING OPTIONS

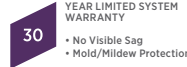
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Edge	Panel Size	Fire Rating	Item No.	NRC	CAC Min.	LR <sup>2</sup>	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content <sup>1</sup>	Panel Cost
SQ 	2'x2'x3/4"	Class A	86169AIR	0.75	35	0.90	White	A,B,C,D,E,F	Low		73%	\$\$
	2'x4'x3/4"	Class A	88189AIR	0.75	35	0.90	White	A,B,D,E,F	Low		73%	\$\$
SLT 	2'x2'x3/4"	Class A	86684AIR	0.75	35	0.90	White	G,H,I,J	Low		73%	\$\$
	2'x4'x3/4"	Class A	88683AIR	0.75	35	0.90	White	G,H,I,J	Low		73%	\$\$
FLB 	2'x2'x3/4"	Class A	86984AIR	0.75	35	0.90	White	C,L,M,N	Low		73%	\$\$
	2'x4'x3/4"	Class A	88983AIR	0.75	35	0.90	White	C,L,M,N	Low		73%	\$\$
SQ 	2'x2'x3/4"	Class A	86169CR	0.75	35	0.90	White	O	Low		73%	\$\$
	2'x4'x3/4"	Class A	88189CR	0.75	35	0.90	White	O	Low		73%	\$\$
SLT 	2'x2'x3/4"	Class A	86684CR	0.75	35	0.90	White	P	Low		73%	\$\$
	2'x4'x3/4"	Class A	88683CR	0.75	35	0.90	White	P	Low		73%	\$\$

USG MARS™ HEALTHCARE  
WITH AIRCARE™ COATING<sup>4</sup>  
75/35

USG MARS™ HEALTHCARE  
CLEAN ROOM PANELS  
75/35

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**ClimaPlus™ Warranty Performance<sup>3</sup>**  
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PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS:  
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## GRID PROFILE OPTIONS



A USG DX*	B USG DXW™	C <sup>S</sup> USG Centricitee™ DXT™	D USG DXLA™
E USG ZXLA™	F USG AX™	G USG DX™	H USG DXLA™
I USG ZXLA™	J USG AX™	K USG Centricitee™ DXLT™	L USG Finline® DXF™
M USG Finline® 1/8 DXFF™	N USG Identitee® DXI™	O USG CE™	P USG DXCE™

## PHYSICAL DATA/ FOOTNOTES

**Product literature**  
 Data sheet: SC2585

**ASTM E1264 classification**  
 ASTM E1264-22 Type IV, Form 1 & 2, Pattern E & G  
 ASTM E1264-23 Type A, Form A2.1 & 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**  
 1.03-1.24 lb./sq. ft.

**Thermal resistance**  
 R-2.2

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

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

**ASTM D2486 scrubability test**  
 (standard test)

**ASTM D4828 washability test**  
 (modified test)

**Water repellency**  
 Cobb method (Tappi T441 om-84) Water Drop Test

### \*\*Maintenance

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

Do not mix cleaners. Follow cleaner manufacturer's recommendations.

### USG Mars™ Healthcare Clean Room

- Field-cut edges of USG Mars™ Healthcare Clean Room panels may be sealed with white latex paint. Use square edge panels for all lay-in field-cut perimeter panels.

- Clean Room-rated applications require a suspension system with gasketed tee flanges such as USG Donn® Brand CE™.

- Tested to ISO Class 5 particle emissions, per ISO 14644, by UL Environment. Rating may decrease to ISO Class 7 or greater with airflow above 1 ACH, pressure fluctuations, or vibrations in the ceiling system.

- For more information, please reference test report from UL Environment.

### Metric sales available

Contact sales for minimum quantities and lead times.

### Notes

1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. LR values are shown as averages.
3. Panel face and back surfaces treated with a proprietary broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see *USG 30-Year Limited System Warranty Commercial Applications* (SC2102).
4. AirCare™ coating removes formaldehyde by an average of 75% over 10 years at an average indoor concentration of 13 ppb.
5. Maximum 2'x2' with SQ edge panels.
6. All USG Mars™ High NRC Acoustical Panels with a "plantbased 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
7. Mars™ Healthcare should not be mixed with non-Healthcare products in the same ceiling plane.
8. Product with Aircare™ coating should not be mixed with non-Aircare™ coated products.

### Notice

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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.

