

USG DATA CENTER ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE



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Flat White
050

FEATURES AND BENEFITS

- Excellent integrated ceiling system to support complete structural suspension requirements.
- Panels sized for USG ALTA™ and USG CIMA™ Structural Suspension Systems. Other Data Center module sizes available via RTQ.
- Balanced acoustics with a wide range of options. Sound absorption NRC up to 0.95 and sound attenuation CAC up to 40.
- Panels support Hot-Aisle and Cold-Aisle containment performance needs.
- USG Mars™ and Halcyon™ Data Center Panels are highly light-reflective (0.90 LR) and nondirectional.
- USG Sheetrock® Brand Data Center Panels are durable, face-laminated gypsum panels with extraordinary dimensional stability.
- Impact and scratch resistant with washable and scrubbable finish.
- USG Mars™ Data Center Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today's sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.¹

APPLICATIONS

- Data Centers
- Structural Grid Installations
- Multi-Use Facilities

SUBSTRATES

- Wet-Formed Mineral Fiber
- Fiberglass
- Gypsum Panel

USG Mars™ Data Center Panels

USG Sheetrock® Brand Data Center Panels

USG Halcyon™ Data Center Panels

USG DATA CENTER ACOUSTICAL PANELS

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ORDER SAMPLES/LITERATURE
 USG: usg.com or samplitt@usg.com
 CGC: contact Sales Representative

TECHNICAL SERVICES
 800.USG.4YOU (874-4968)

FOR MOST UP-TO-DATE
 TECHNICAL INFORMATION
 AND LEED REPORT TOOL
 usgdesignstudio.com
 cgcdesignstudio.com



PRODUCT CERTIFIED
 FOR LOW CHEMICAL
 EMISSIONS:
 UL/COM/GG
 UL 2818



Edge	Nominal Panel Size ⁶	Fire Class ²	Item No.	NRC ⁴	CAC Min.	LR ³	Color	VOC Emissions	Anti-Mold & Mildew	Abuse Resistant	Recycled Content ¹	Panel Cost
	Other Data Center modules available											
SQ 	23-3/8"x23-3/8"x3/4"	Class A	86371	0.75	35	0.90	White	Low		—	69%	\$\$\$
	23-3/8"x47-3/8"x3/4"	Class A	86372	0.75	35	0.90	White	Low		—	69%	\$\$\$
SQ 	23-3/8"x23-3/8"x7/8"	Class A	86373	0.80	35	0.90	White	Low		—	70%	\$\$\$
	23-3/8"x47-3/8"x7/8"	Class A	86374	0.80	35	0.90	White	Low		—	70%	\$\$\$
SQ 	23-3/8"x23-3/8"x1"	Class A	86379	0.80	40	0.90	White	Low		—	74%	\$\$\$
	23-3/8"x47-3/8"x1"	Class A	86380	0.80	40	0.90	White	Low		—	74%	\$\$\$
SQ 	23-3/8"x23-3/8"x7/8"	Class A	86375	0.85	35	0.90	White	Low		—	69%	\$\$\$
	23-3/8"x47-3/8"x7/8"	Class A	86376	0.85	35	0.90	White	Low		—	69%	\$\$\$
SQ 	23-3/8"x23-3/8"x1"	Class A	86377	0.90	30	0.90	White	Low		—	67%	\$\$\$
	23-3/8"x47-3/8"x1"	Class A	86378	0.90	30	0.90	White	Low		—	67%	\$\$\$
SQ 	23-3/8"x23-3/8"x3/4"	Class A	98874	0.95	20	0.90	White	—		—	40%	\$\$\$\$
	23-3/8"x47-3/8"x1"	Class A	98875	0.95	20	0.90	White	—		—	40%	\$\$\$\$
SQ 	24"x24"x1/2"		3260	—	35	0.77	White	Low	—		8%	\$\$
	24"x48"x1/2"		3270	—	40	0.77	White	Low	—		8%	\$\$

Low Emissions (VOC)
 Certified for low emitting performance, meets CDPH 01350 v1.2 - 2017. Certificates of Compliance for Low VOC Emissions are available on usg.com and at usg.ecomedes.com.

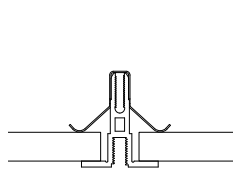
ClimaPlus™ Warranty Performance⁵
 Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mold and mildew. Fiberglass substrate is inherently resistant to the growth of mold and mildew. Includes sag-resistance performance.

High Recycled Content
 USG classifies High Recycled Content as greater than 50%. Methodology of calculation based on FTC guidelines.

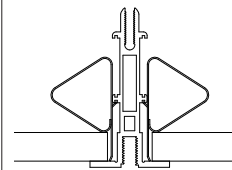
Firecode[®]
Abuse Resistant

STRUCTURAL GRID PROFILE

USG ALTA™ Structural Suspension System



USG CIMA™ Structural Suspension System



PHYSICAL DATA

ASTM E1264-23 classification
USG Mars™ and Mars™ High-NRC/High-CAC Data Center Panels
 ASTM E1264-23: Type A, Form A2.1 and A2.2, Pattern E,G

USG Halcyon™ Data Center Panels
 ASTM E1264-23: Type B, Form B2, Pattern E,G

USG Sheetrock® Brand Data Center Panels
 ASTM E1264-23 Type G, Form G2, Pattern G

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

UL Type
 FC-CB (USG Sheetrock® Brand Data Center Panels)

Weight
 2.00 lbs./sq. ft. (USG Sheetrock® Brand Data Center Panels)
 1.09-1.22 lbs./sq. ft. (Mars™ High-NRC/High-CAC Data Center Panels)
 1.01 lbs./sq. ft. (Mars™ Data Center Panels)
 0.40 lbs./sq. ft. (Halcyon™ Data Center Panels)

Thermal Resistance
 R-0.45 (USG Sheetrock® Brand Data Center Panels)
 R-2.2 (Mars™ and Mars™ High-NRC/High-CAC Data Center Panels)
 R-4.4 (Halcyon™ Data Center Panels)

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

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 panel, use a clean, white cloth with water or a mild detergent and wipe surface.

Application considerations
 USG Sheetrock® Brand Data Center Panels are directional. Install with all manufactured edges parallel and in the same direction.

- Notes**
- For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
 - Firecode® products are approved for use in fire-resistance rated UL designs, where the designs allow for the UL Type Designation.
 - LR values are shown as averages.
 - USG does not consider a ceiling panel to be acoustically rated if NRC is less than 0.50.
 - For details, see *USG 30-Year Limited System Warranty Commercial Applications (SC2102)*. When not installed with USG Grid, ceiling panels will carry a 20-year warranty.
 - Sized for USG ALTA™ and USG CIMA™ Structural Suspension Systems. Nominal size is 1/4" larger than panel size. Other Data Center module sizes available via RTQ.
 - All USG Mars™ High-NRC/High-CAC Acoustical Panels with a "plant-based binder" label contain up to 65% plant-based binder material in the binder. For more information, please refer to the USG Mars™ Acoustical Panels Health Product Declaration, available at usg.com.
 - If width is 36" or greater, the length of the panel cannot exceed 48".

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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.

