

USG ORION™ ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

USG Orion™ Acoustical Panels
with ClimaPlus™ Performance and
USG Donn® Brand Identitee® DXI™
Acoustical Suspension System

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM



Flat White
050

Fine-Textured Panel

FEATURES AND BENEFITS

- Excellent noise reduction.
- High light-reflective finish (LR-0.87) reduces light fixtures and energy use.
- Nondirectional, monolithic visual reduces installation time and waste.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- Wide range of acoustical performance.
- USG Orion™ Acoustical Panels are part of the Ecoblueprint™ portfolio — meeting today's sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Offices
- Conference rooms
- Healthcare (HIPAA requirements)
- Classrooms
- Corridors
- Reception/lobby areas
- Dining rooms

SUBSTRATE

- Wet-formed mineral fiber

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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:
ULCOM/CG
UL2818



Edge	Panel Size	Fire Rating	Item No.	UL Classified			Color	Grid Options	VOC Emissions	Anti-Mold & Mildew	Recycled Content ¹		
				NRC	CAC	LR ²					Total RC	Panel Cost	
USG ORION™ 60 SQ	2'x2'x1/2"	Class A	62156	0.60	23	0.87	White	A,B,C	Low		71%	\$	
	2'x4'x1/2"	Class A	62157	0.60	23	0.87	White	A,B	Low		71%	\$	
USG ORION™ 75 SQ	2'x2'x5/8"	Class A	62150	0.75	24	0.87	White	A,B,C	Low		69%	\$\$	
	2'x4'x5/8"	Class A	62151	0.75	24	0.87	White	A,B	Low		69%	\$\$	
	SLT	2'x2'x5/8"	Class A	62152	0.75	24	0.87	White	D	Low		69%	\$\$
		2'x4'x5/8"	Class A	62153	0.75	24	0.87	White	D	Low		69%	\$\$
	FLB	2'x2'x5/8"	Class A	62154	0.75	24	0.87	White	E,F,G,H	Low		69%	\$\$
		2'x4'x5/8"	Class A	62155	0.75	24	0.87	White	E,F,G,H	Low		69%	\$\$
USG ORION™ 85 SQ	2'x2'x5/8"	Class A	62162	0.85	24	0.87	White	A,B,C	Low		71%	\$\$	
	2'x4'x5/8"	Class A	62163	0.85	24	0.87	White	A,B	Low		71%	\$\$	
	SLT	2'x2'x5/8"	Class A	62164	0.85	24	0.87	White	D	Low		71%	\$\$
		2'x4'x5/8"	Class A	62165	0.85	24	0.87	White	D	Low		71%	\$\$
	FLB	2'x2'x5/8"	Class A	62166	0.85	24	0.87	White	E,F,G,H	Low		71%	\$\$
		2'x4'x5/8"	Class A	62167	0.85	24	0.87	White	E,F,G,H	Low		71%	\$\$

Low Emissions
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.com and at spot.ul.com.

ClimaPlus™ Warranty Performance³
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 postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

GRID PROFILE OPTIONS

A USG DX*	B USG DXW™	C ⁴ USG Centricitee™ DXT™	D USG DX*	E USG Centricitee™ DXT™	F USG Fineline® DXF™	G USG Fineline® 1/8 DXFF™	H USG Identitee® DXI™

PHYSICAL DATA/ FOOTNOTES

Product literature
Data sheet: SC2648

ASTM E1264 classification
ASTM E1264-22 Type IV, Form 1 & 2, Pattern E & G
ASTM E1264-23 Type A, Form A2.1, 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
0.71 lb./sq. ft. 1/2" Mineral Fiber
0.63 lb./sq. ft. 5/8" Mineral Fiber

Online tools
usgdesignstudio.com or cgcdesignstudio.com

Thermal resistance
R-1.8

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.

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.
- Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mold, mildew and bacteria. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
- Maximum 2'x2' with SQ edge panels.
- It is not recommended to mix panels with varying NRC values in the same ceiling plane.

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.

