

USG ASTRO® ACOUSTICAL PANELS

CLIMAPLUS™ PERFORMANCE

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

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



Flat White
050

FEATURES AND BENEFITS

- Fine-textured, unperforated and nonfissured appearance offers highly desired aesthetic.
- ClimaPlus™ 30-year limited system warranty against visible sag, mold and mildew.
- Optional Firecode® product designed to meet life-safety codes.

APPLICATIONS

- Schools
- Hospitals
- Healthcare Facilities
- General Offices
- Municipal Buildings

SUBSTRATE

- Wet-formed Mineral Fiber

Fine-Textured Panel

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

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

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



PRODUCT CERTIFIED
 FOR LOW CHEMICAL
 EMISSIONS:
 ULCOM/GG
 UL2818

30 YEAR LIMITED SYSTEM
 WARRANTY
 • No Visible Sag
 • Mold/Mildew Protection

HRC HIGH RECYCLED
 CONTENT

UL Classified

Edge	Panel Size	Fire Rating ^{2,8}	Item No.	NRC	CAC Min.	LR ³	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content ¹	Panel Cost
SQ	2'x2'x5/8"	Class A	8221	0.55	35	0.86	White	A,C,D	Low		68%	\$\$
	2'x2'x3/4"	Class A	8122	0.50	35	0.86	White	B,E	Low		69%	\$\$
	2'x4'x5/8"	Class A	8241	0.55	35	0.86	White	A,C	Low		68%	\$\$
SLT	2'x2'x5/8"	Class A	8223	0.55	35	0.86	White	F	Low		68%	\$\$
	2'x2'x3/4"	Class A	8322	0.50	35	0.86	White	G	Low		69%	\$\$
	2'x4'x5/8"	Class A	8243	0.55	35	0.86	White	F	Low		68%	\$\$
FLB	2'x2'x5/8"	Class A	8227	0.55	35	0.86	White	H,J,K,M	Low		68%	\$\$
	2'x2'x3/4"	Class A	8722	0.50	35	0.86	White	I,L	Low		69%	\$\$
	2'x4'x5/8"	Class A	8247	0.55	35	0.86	White	H,J,K,M	Low		68%	\$\$
SLT ^{5,9}	2'x4'x3/4"	Class A	8742	0.55	35	0.86	White	F	Low		69%	\$\$
ILT ^{6,9}	2'x4'x3/4"	Class A	8744	0.55	35	0.86	White	N	Low		69%	\$\$

USG ASTRO® PANELS

USG ASTRO® ILLUSION™ TWO/24 PANELS

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 Performance⁴
 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.



GRID PROFILE OPTIONS

A USG DX®	B USG DXL™	C USG DXW™	D ⁷ USG Centricitee™ DXT™	E ⁷ USG Centricitee™ DXLT™	F USG DX®	G USG DXL™	H USG Centricitee™ DXT™	I USG Centricitee™ DXLT™
J USG Fineline® DXF™	K USG Fineline® 1/8 DXFF™	L USG Fineline® DXLF™	M USG Identitee® DXI™	N USG Centricitee™ DXT™				

PHYSICAL DATA/ FOOTNOTES

Product literature
 Data sheet: SC2321

ASTM E1264 classification
 USG Astro™:
 ASTM E1264-22 Type III, Form 1 & 2, Pattern G
 ASTM E1264-23 Type A, Form A1.1, Pattern G
 USG Astro™ Illusion™:
 ASTM E1264-22 Type III, Form 1 & 2, Pattern G & K
 ASTM E1264-23 Type A, Form A1.1, Pattern G & K

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

UL Type
 Astro-FR

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

Weight
 0.80 lb./sq. ft. (Class A)
 1.04 lb./sq. ft. (Firecode®)

Thermal resistance
 R-2.0 (Class A 5/8")
 R-2.4 (Class A 3/4")
 R-2.4 (Firecode® 3/4")

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

Maintenance
 Can be cleaned easily with a soft brush or vacuum.

Texture
 Because the manufacturing process for USG Astro® ceiling panels can potentially create subtle texture variations, we recommend ordering and installing this product by production lot number.

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

- 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.
 - For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
 - Panels have a 15/16" routing.
 - Panels have a 9/16" routing.
 - Maximum 2'x2' with SQ Edge panels.
 - It is not recommended to mix Firecode™ with Class A panels in the same ceiling plane.
 - SLT & ILT Illusion™ edges have a different reveal depth from SLT or FLB edge details. Please reference the System Interface, located in the SC2000, before installing.

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.

