

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

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/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	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	2'x4'x3/4"	Class A	8742	0.55	35	0.86	White	F	Low		69%	\$\$
ILT ⁶	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.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 postconsumer and preconsumer (postindustrial) 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™: Type III, Form 1 and 2, Pattern G;
 USG Astro™ Illusion™: Type III, Form 1, Pattern GK

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 or cgcdesignstudio.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.
- Fire-rated items: see UL design details.
- 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.

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.

