

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
UL 2818

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

HRC HIGH RECYCLED
CONTENT

USG ASTRO® PANELS

UL Classified												
Edge	Panel Size	Fire Class 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"		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"		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"		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%	\$\$

USG ASTRO® ILLUSION™
TWO/24 PANELS

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 Performance⁶
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%. Methodology of calculation based on FTC guidelines.

Firecode[®]

GRID PROFILE OPTIONS

A USG DX [®]	B USG DXL™	C USG DXW™	D ⁶ USG Centricitee™ DXT™	E ⁶ USG Centricitee™ DXLT™	F USG DX [®]	G USG DXL™	H USG Centricitee™ DXT™	I USG Centricitee™ DXLT™
J USG Finline [®] DXF™	K USG Finline [®] 1/8 DXFF™	L USG Finline [®] DXLF™	M USG Identitee [®] DXI™					

PHYSICAL DATA

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 panels)
1.04 lb./sq. ft. (Firecode® panels)

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

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
1. For details, see USG Sustainability tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Firecode® products are approved for use in fire-resistance rated UL designs, where the designs allow for the UL Type Designation. It is not recommended to mix Firecode® and Class A panels in the same ceiling plane.
3. LR values are shown as averages.
4. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102).
5. Panels have a 15/16" routing. SLT Illusion™ edges have a different reveal depth from SLT edge details. Please reference the System Interface, located in the SC2000, before installing.
6. Maximum 2'x2' with SQ Edge panels.

Notice
The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

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