USG ASTRO® ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

USG Astro® Acoustical Panels
with ClimaPlus™ Performance/
USG Donn® Brand Centricitee™ DXT™
Acoustical Suspension System

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

Flat White
050

Fine-Textured Panel

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

USG **CGC**

IT'S YOUR WORLD. BUILD IT.™

USG ASTRO® ACOUSTICAL PANELS
CLIMAPLUS™ PERFORMANCE

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

GREENGUARD GOLD

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
USG ASTRO® PANELS	SQ	2'x2'x5/8"	Class A	8221	0.55	35	0.86	White	A,B,C	Low	✓	68%	$$
		2'x2'x3/4"	🔥	8122	0.50	35	0.86	White	A,D	Low	✓	68%	$$
		2'x4'x5/8"	Class A	8241	0.55	35	0.86	White	A,B	Low	✓	68%	$$
	SLT	2'x2'x5/8"	Class A	8223	0.55	35	0.86	White	E	Low	✓	68%	$$
		2'x2'x3/4"	🔥	8322	0.50	35	0.86	White	E	Low	✓	68%	$$
		2'x4'x5/8"	Class A	8243	0.55	35	0.86	White	E	Low	✓	68%	$$
	FLB	2'x2'x5/8"	Class A	8227	0.55	35	0.86	White	F,H,I,K	Low	✓	68%	$$
		2'x2'x3/4"	🔥	8722	0.50	35	0.86	White	G,J	Low	✓	68%	$$
		2'x4'x5/8"	Class A	8247	0.55	35	0.86	White	F,H,I,K	Low	✓	68%	$$
USG ASTRO® ILLUSION™ TWO/24 PANELS	SLT[5]	2'x4'x3/4"	Class A	8742	0.55	35	0.86	White	E	Low	✓	69%	$$
	ILT[6]	2'x4'x3/4"	Class A	8744	0.55	35	0.86	White	L	Low	✓	69%	$$

PATTERNS

USG Astro® Illusion™ Two/24

The look of 2'x2' panels

Low Emissions (VOC)
Third party (GREENGUARD Gold) certified for low-emitting performance, meets California Department of Public Health's (CDPH) Standard Method v1.1 - 2010 (CA Section 01350). 'Certificates of Compliance' for Low VOC Emissions are available on usg.com and at productguide.ulenvironment.com.

ClimaPlus™ Warranty Performance[4]
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.

HRC High Recycled Content
Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.

🔥 Firecode®

GRID PROFILE OPTIONS

A USG DX®/DXL™	B USG DXW™	C[7] USG Centricitee™ DXT™	D USG Centricitee™ DXLT™	E USG DX®/DXL™	F USG Centricitee™ DXT™	G USG Centricitee™ DXLT™	H USG Fineline® DXF™	I USG Fineline® 1/8 DXFF™	J USG Fineline® DXLF™	K USG Identitee® DXI™	L 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
0.85 lb./sq. ft. (Class A)
1.10 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
1. For details, see LEED report tool at usgdesignstudio.com or cgcdesignstudio.com.
2. Fire-rated items: see UL design details.
3. LR values are shown as averages.
4. For details, see USG 30-Year Limited System Warranty Commercial Applications (SC2102) and ClimaPlus™ Ceilings Certification of Performance (SC2451).
5. Panels have a 15/16" routing.
6. Panels have a 9/16" routing.
7. Maximum 2'x2' with SQ Edge panels.

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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.

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