

# 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](http://USG.COM) OR [CGCINC.COM](http://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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## CLIMAPLUS™ PERFORMANCE

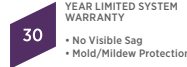
ORDER SAMPLES/LITERATURE  
USG: [samplitt@usg.com](mailto:samplitt@usg.com)  
fax: 888 874-2348 | [usg.com](http://usg.com)  
CGC: contact Sales Representative

FOR MOST UP-TO-DATE  
TECHNICAL INFORMATION  
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[cgcdesignstudio.com](http://cgcdesignstudio.com)

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



PRODUCT CERTIFIED  
FOR LOW CHEMICAL  
EMISSIONS:  
ULCOM/GG  
UL2818



UL Classified

Edge	Panel Size	Fire Rating <sup>2</sup>	Item No.	NRC	CAC Min.	LR <sup>3</sup>	Color	Grid Options	VOC Emissions	Anti-Mold & Mildew/Sag Resistance	Recycled Content <sup>1</sup>	Panel Cost
SQ	2'x2'x5/8"	Class A	8221	0.55	35	0.86	White	A,B,C	Low		68%	\$\$
	2'x2'x3/4"	Class A	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"	Class A	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"	Class A	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%	\$\$
SLT <sup>5</sup>	2'x4'x3/4"	Class A	8742	0.55	35	0.86	White	E	Low		69%	\$\$
ILT <sup>6</sup>	2'x4'x3/4"	Class A	8744	0.55	35	0.86	White	L	Low		69%	\$\$

### USG ASTRO® PANELS

### USG ASTRO® ILLUSION™ TWO/24 PANELS

### 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](http://usg.com) and at [productguide.ulenvironment.com](http://productguide.ulenvironment.com).

**ClimaPlus™ Warranty Performance<sup>4</sup>**  
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**  
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.



### GRID PROFILE OPTIONS

A USG DX <sup>1</sup> /DXL™	B USG DXW™	C <sup>7</sup> USG Centricitee™ DXT™	D USG Centricitee™ DXLT™	E USG DX <sup>2</sup> /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](http://usgdesignstudio.com) or [cgcdesignstudio.com](http://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**
- For details, see LEED report tool at [usgdesignstudio.com](http://usgdesignstudio.com) or [cgcdesignstudio.com](http://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) and *ClimaPlus™ Ceilings Certification of Performance* (SC2451).
  - 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.

