

# 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](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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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:  
 UL/COM/GG  
 UL2818

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

HRC HIGH RECYCLED  
 CONTENT

UL Classified

Edge	Panel Size	Fire Rating <sup>2,8</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,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 <sup>5,9</sup>	2'x4'x3/4"	Class A	8742	0.55	35	0.86	White	F	Low		69%	\$\$
ILT <sup>6,9</sup>	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 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**  
 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.

**Firecode®**

### GRID PROFILE OPTIONS

A USG DX®	B USG DXL™	C USG DXW™	D <sup>7</sup> USG Centricitee™ DXT™	E <sup>7</sup> 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 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.
  - 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.

