

# 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

# USG ASTRO® ACOUSTICAL PANELS

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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  
 UL 2818



### USG ASTRO® PANELS

| 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,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 <sup>5</sup> | 2'x4'x3/4" | Class A                  | 8742     | 0.55 | 35       | 0.86            | White | F            | Low           |                                   | 69%                           | \$\$       |
| ILT <sup>6</sup> | 2'x4'x3/4" | Class A                  | 8744     | 0.55 | 35       | 0.86            | White | N            | Low           |                                   | 69%                           | \$\$       |

#### 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<sup>1</sup> 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<br>USG<br>DX®               | B<br>USG<br>DXL™                   | C<br>USG<br>DXW™               | D <sup>7</sup><br>USG<br>Centricitee™<br>DXT™ | E <sup>7</sup><br>USG<br>Centricitee™<br>DXLT™ | F<br>USG<br>DX® | G<br>USG<br>DXL™ | H<br>USG<br>Centricitee™<br>DXT™ | I<br>USG<br>Centricitee™<br>DXLT™ |
|-------------------------------|------------------------------------|--------------------------------|---|--|-----------------|------------------|----------------------------------|-----------------------------------|
|                               |                                    |                                |   |  |                 |                  |                                  |                                   |
| J<br>USG<br>Fineline®<br>DXF™ | K<br>USG<br>Fineline®<br>1/8 DXFF™ | L<br>USG<br>Fineline®<br>DXLF™ | M<br>USG<br>Identitee®<br>DXI™                | N<br>USG<br>Centricitee™<br>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

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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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

