



ASTRO Panels with *CLIMAPLUS* Superior Performance/
DONN CENTRICITEE DXT Suspension System

LEED Credits

Recycled Content: 65% – 69%
CLIMAPLUS Superior Performance for Mold and Mildew

MR				EQ		
Waste Reduction ¹	Recycled Content	Regional Materials ²	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●	●	●	●	●

Features and Benefits

- Fine-textured, non-perforated, and non-fissured appearance offers highly desired aesthetic
- *CLIMAPLUS* 30-year lifetime system warranty to withstand conditions up to 104 °F (40 °C)/95% relative humidity without visible sag when used with a DONN® brand suspension system
- Optional FIRECODE™ formulation designed to meet life safety codes

Applications

- Schools
- Hospitals
- Healthcare facilities
- General offices
- Municipal buildings

Substrate

- X-Technology mineral fiber

Fine-textured panel

To order samples, go to usg.com



White

30

Year System Warranty
 – No visible sag
 – Mold/mildew protection

UL Classified

Edge	Panel Size	Class ³	Item No.	NRC	CAC Min.	LR ⁴	Color	Grid Options	VOC ⁹ Emissions	Anti-Mold & Mildew	Recycled Content ²	Panel Cost
ASTRO CLIMAPLUS Panels	SQ 	Class A	8221	.55	35	.86	White	A, B, C	Low		65% HRC	\$\$
			8122	.50	35	.86	White	A, D	Low		69% HRC	\$\$
		Class A	8241	.55	35	.86	White	A, B	Low		65% HRC	\$\$
	SLT 	Class A	8223	.55	35	.86	White	E	Low		65% HRC	\$\$
			8322	.50	35	.86	White	E	Low		69% HRC	\$\$
		Class A	8243	.55	35	.86	White	E	Low		65% HRC	\$\$
	FLB 	Class A	8227	.55	35	.86	White	F, H, I, K	Low		65% HRC	\$\$
			8722	.50	35	.86	White	G, J	Low		69% HRC	\$\$
		Class A	8247	.55	35	.86	White	F, H, I, K	Low		65% HRC	\$\$
ASTRO CLIMAPLUS Illusion Two/24 Panels	SLT ⁵ 	Class A	8742	.55	35	.86	White	E	Low		65% HRC	\$\$
	ILT ⁶ 	Class A	8744	.55	35	.86	White	L	Low		65% HRC	\$\$

Illusion Two/24 The look of 2 x 2 panels

Patterns



Legend

Low Emissions (VOC Class)

Classified as low-emitting per standards established by the Collaborative for High-Performance Schools (CHPS), following California Specification 01350 testing methods.

CLIMAPLUS Superior Performance⁷

Contains a broad-spectrum antimicrobial treatment on the face and back of the panel that provides guaranteed resistance against the growth of mold and mildew.

HRC High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of post-consumer and pre-consumer (post-industrial) recycled content per FTC guidelines.

Grid Profile Options

A DX®/DXL™	B DXW™	C ⁸ CENTRICITEE™ DXT	D CENTRICITEE™ DXLT	E DOWN DX/DXL	F CENTRICITEE™ DXT	G CENTRICITEE™ DXLT	H FINELINE® DXF	I FINELINE® 1/8 DXFF	J FINELINE® DXLF	K IDENTITEE™ DXI™	L CENTRICITEE™ DXT

Physical Data/
Footnotes

Product literature
 Data sheet: SC2321
ASTM E1264 classification
 ASTRO: Type III, Form 1 and 2, Pattern G; ASTRO Illusion: Type III, Form 1, Pattern GK
ASTM E84 surface burning characteristics
 Class A
 Flame spread: 25
 Smoke developed: 50
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 Warranty for details.
Maintenance
 Can be cleaned easily with a soft brush or vacuum.
Texture
 Because the manufacturing process for ASTRO CLIMAPLUS ceiling panels can potentially create subtle texture variations, we recommend ordering and installing this product by production lot number.

Footnotes
 1. Applies when USG acoustical ceilings recycling program is utilized.
 2. For details, see LEED report generator at usgdesignstudio.com.
 3. Fire-rated items: see UL design details.
 4. LR values are shown as averages.
 5. Panels have a 15/16" routing.
 6. Panels have a 9/16" routing.
 7. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial standard formulation that inhibits and retards the growth of mold and mildew. For details, see *Ceiling Systems Limited Warranty Commercial*

Applications (SC2102) and *CLIMAPLUS Ceilings Certification of Performance* (SC2451).
 8. Maximum 2'x2' with SQ Edge panels.
 9. No formaldehyde is added to any ingredient or during the manufacturing process for all mineral fiber acoustical ceiling products manufactured by USG Interiors, LLC.

