CGC ASTRO™
CLIMAPLUS™ PERFORMANCE

CGC Astro Panels/
CGC Donn Centricitee DXT
Suspension System

Flat White
050

FINE-TEXTURED PANEL

FEATURES AND BENEFITS

- Fine-textured, non-perforated, and non-fissured appearance offers highly desired aesthetic.
- ClimaPlus™ 30-year lifetime system warranty against visible sag, mould 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

CGC
IT'S YOUR WORLD. BUILD IT.™

CGC ASTRO™
CLIMAPLUS™ PERFORMANCE

CUSTOMER SERVICE
Ontario/Atlantic Canada : 800.387.2690
Quebec/Eastern Ontario : 800.361.1310
Western Canada : 800.242.4418
COMPANY WEBSITE
cgcinc.com

SEE LEED REPORT TOOL
for detailed sustainability information, as well as the **MOST UP-TO-DATE TECHNICAL INFORMATION,** all available at cgcdesignstudio.com

30 YEAR SYSTEM WARRANTY
HRC HIGH RECYCLED CONTENT
• No Visible Sag
• Mould/Mildew Protection

UL Classified

	Edge	Panel Size	Class[2]	Item No.	NRC	CAC Min.	LR[3]	Colour	Grid Options	VOC Emissions	Anti-Mould & Mildew	Recycled Content[1]	Panel Cost
CGC ASTRO PANELS	SQ	2' x 2' x 5/8"	Class A	**8221**	.55	35	.86	White	A, B, C	Low		68.1% HRC	$$
		2' x 2' x 3/4"		**8122**	.50	35	.86	White	A, D	Low		68.8% HRC	$$
		2' x 4' x 5/8"	Class A	**8241**	.55	35	.86	White	A, B	Low		68.1% HRC	$$
	SLT	2' x 2' x 5/8"	Class A	**8223**	.55	35	.86	White	E	Low		68.1% HRC	$$
		2' x 2' x 3/4"		**8322**	.50	35	.86	White	E	Low		68.8% HRC	$$
		2' x 4' x 5/8"	Class A	**8243**	.55	35	.86	White	E	Low		68.1% HRC	$$
	FLB	2' x 2' x 5/8"	Class A	**8227**	.55	35	.86	White	F, H, I, K	Low		68.1% HRC	$$
		2' x 2' x 3/4"		**8722**	.50	35	.86	White	G, J	Low		68.8% HRC	$$
		2' x 4' x 5/8"	Class A	**8247**	.55	35	.86	White	F, H, I, K	Low		68.1% HRC	$$
CGC ASTRO ILLUSION TWO/24 PANELS	SLT[4]	2' x 4' x 3/4"	Class A	**8742**	.55	35	.86	White	E	Low		69.4% HRC	$$
	ILT[5]	2' x 4' x 3/4"	Class A	**8744**	.55	35	.86	White	L	Low		69.4% HRC	$$

PATTERN

ILLUSION TWO/24 The look of 2' x 2' panels

LEGEND

Low Emissions (VOC)
Low-emitting performance meets CA Specification 01350 (CA Dept. of Health Services Standard Practice for the testing of VOC emissions) and is listed on the CHPS database for low-emitting materials. USG Certificate of Compliance for Low VOC Emissions also available on usg.com.

ClimaPlus™ Warranty Performance[6]
Contains a broad-spectrum antimicrobial additive on the face and back of the panel that provides resistance against the growth of mould 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 post-consumer and pre-consumer (post-industrial) recycled content per U.S. FTC guidelines.

Firecode®   **≥ .85 LR**
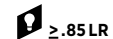
GRID PROFILE OPTIONS

A DX®/DXL™	B DXW™	C[7] CENTRICITEE™ DXT™	D CENTRICITEE DXLT™	E DONN® 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/NOTES

Product literature
Data sheet: SC2321E

ASTM E1264 classification
CGC Astro: Type III, Form 1 and 2, Pattern G;
CGC Astro Illusion: Type III, Form 1, Pattern GK

ASTM E84 and CAN/ULC S102 surface burning characteristics
Class A
Flame spread: 25
Smoke developed: 50

Weight
0.85 lbs./sq. ft. (Class A)
1.10 lbs./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 ceiling panels can potentially create subtle texture variations, we recommend ordering and installing this product by production lot number.

Notes
1. For details, see LEED report tool at cgcdesignstudio.com.
2. Fire-rated items: see UL design details.
3. LR values are shown as averages.
4. Panels have a 15/16" routing.
5. Panels have a 9/16" routing.
6. Panel face and back surfaces treated with a proprietary, broad-spectrum antimicrobial additive that inhibits and retards the growth of mould and mildew. For details, see Ceiling Systems Limited Warranty Commercial Applications (CSC2102) and ClimaPlus Ceilings Certification of Performance (SC2451).
7. Maximum 2' x 2' with SQ Edge panels.