



CGC Donn CE Suspension System/
CGC Clean Room Panels—Class 100



Flat White
050

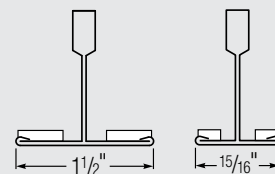
FEATURES AND BENEFITS

- Grid system with factory-applied closed-cell foam gaskets for controlled-environment rooms.
- G30 hot-dipped galvanized body provides unequalled corrosion protection.
- Meets or exceeds all national code requirements, including seismic.
- Supports cleanroom HEPA filters and lights.
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222).
- Meets 2010 Guidelines for Health Care Facilities.
- No crevices between suspension system and tile.
- Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D5402.
- White gasket blends with grid and tile.

APPLICATIONS

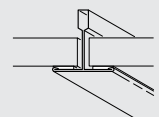
- Controlled environments
- Hospitals
- Food processing areas
- Healthcare facilities, restricted and semi-restricted areas
- Certified to meet ISO 14644-1 Class 5 (Fed. Standard 209E Class 100)

PROFILE



EDGE DETAIL

Square Edge





SYSTEM MEETS
OR EXCEEDS LOAD
COMPLIANCE
SPECIFICATIONS
PER ASTM C635



HIGH RECYCLED
CONTENT

1-1/2" TEE SYSTEM

		Seismic Design Category						Rated Load ^{1,2,3}				
		ASTM Class	Length	Height	Item No.	Class	Colour	IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing
	Main Tee	Heavy Duty	12' 3600 mm	1-1/2" 38 mm	DXWCE26 (up to 60% recycled content)	Class A	Flat White	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF
	Cross Tee 1-1/2"	—	2' 600 mm	1-1/2" 38 mm	DXWCE224	Class A	Flat White	—	—	65 lbs./LF		
			4' 1200 mm	1-1/2" 38 mm	DXWCE424	Class A	Flat White	—	—	13 lbs./LF		
	Main Tee	Intermediate Duty	12' 3600 mm	1.64" 42 mm	DXCE24	Class A	Flat White	A-C	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF
		Heavy Duty	12' 3600 mm	1.64" 42 mm	DXCE26	Class A	Flat White	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF
	Cross Tee	—	2' 600 mm	1-1/2" 38 mm	DXCE224	Class A	Flat White	—	—	—	—	—
			4' 1200 mm	1-1/2" 38 mm	DXCE424	Class A	Flat White	—	—	—	—	—

15/16" TEE SYSTEM

MOLDING^{4,5}

Wall Angle	Length	Item No.	Colour	Hold Down Clips ⁶
	12' 3600 mm	M7CE (up to 65% recycled content)	Flat White	L15
	10' 3000 mm	US28CE	Flat White	C-8

LEGEND



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.

PHYSICAL DATA/NOTES

Product literature
 Data sheet: AC3129E

Material
 Double-web G30 hot-dipped galvanized steel body and G30 hot-dipped galvanized steel cap.

Recycled content
 Up to 60%, for details, see the LEED report tool at cgcdesignstudio.com.

Installation
 Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices, within all applicable code requirements. Class 5 (Fed. Standard 209E, Class 100) installations require hold down clips and US28CE molding. Install a L15 hold down clip within 3 in. of each panel corner. For a 2' x 4' system install an additional L15 hold down clip centered on the 4' side. Border panels shall have a C-8 hold down clip within 3 in. of each panel corner. For a 2' x 4' system install an additional C-8 hold down clip centered on the 4' side. Alternative assemblies

and installation methods may be utilized when approved by the Authority Having Jurisdiction. USG recommends checking with the Authority Having Jurisdiction prior to designing and installing a suspended ceiling system.

Limitations
 Interior applications only. The gasket face contains a protective strip that must be removed prior to panel installation. Not recommended with metal panels. If metal panels are desired, a special gasket suitable for metal panels may be applied to the CGC CE suspension system through special order.

ICC Evaluation Service, Inc., Report Compliance
 Suspension systems manufactured by USG Interiors, LLC, have been reviewed and are approved by listing in ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to cgcdesignstudio.com.

L.A. Research Report Compliance
 CGC Donn® Brand Suspension Systems manufactured by USG Interiors, LLC, have been reviewed and are approved by listing in the following L.A. Research Report number: 25764.

Code compliance
 The information presented is correct to the best of our knowledge at the date of issuance. Because codes continue to evolve, check with a local official prior to designing and installing a ceiling system. Other restrictions and exemptions may apply.

The City of New York BSA and MEA Report Compliance
 CGC Donn Suspension Systems have been approved by listing in one or more of the following City of New York Board of Standards and Appeals, and Department of Building, Material and Equipment Acceptance reports:
 BSA 618-60-SM, BSA 184-77-SM, BSA 796-81-SM, MEA 366-93-M, MEA 133-95-M, MEA 312-99-M, MEA 123-00-M.

ASTM C635 Standard for Load Compliance
 This system meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over a 48" span (or L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

Healthcare facilities
 - No crevice created between suspension system and tile, meets or exceeds requirements for restricted and semi-restricted areas.
 - Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D5402-06.

Testing
 Particulate Test and Ceiling Integrity Tests per Federal Standard 209(e) are available from Technical Service.

Notes
 1. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.

- When required, lay-in light fixtures used in CGC Clean Room™ ceiling assemblies shall be certified for CGC Clean Room applications.
- HEPA filters must be supported at all four corners of grid module.
- For more information on moldings, see Perimeter Interface selector.
- Panels must be field-cut to size at the perimeter.
- US28CE molding and L15 and C-8 hold down clips required for CGC Clean Room Class 5 (Fed. Standard 209E Class 100) applications.

Notice
 We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.