

USG DONN® BRAND CE™ ACOUSTICAL SUSPENSION SYSTEM

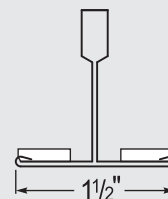
USG Donn® Brand CE™
Acoustical Suspension System/
USG Clean Room™ Acoustical
Panels with ClimaPlus™
Performance-Class 100

TO ORDER SAMPLES, GO TO USGBORAL.COM



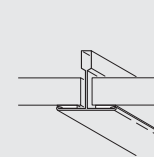
Flat White
050

PROFILE



CE™

EDGE DETAIL



Square Edge

FEATURES AND BENEFITS

- Grid system with factory-applied closed-cell foam gaskets for controlled-environment rooms.
- G30 hot-dipped galvanized body provides corrosion protection.
- Evaluated for building code compliance according to ICC ESR-1222.
- Supports cleanroom HEPA filters and lights.
- ICC-ES evaluated for seismic installations (ICC-ESR-1222).
- Meets 2014 Guidelines for Health Care Facilities.
- Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D402.
- White gasket blends with grid and tile.

APPLICATIONS

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

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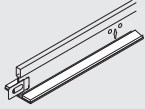
System meets or exceeds load compliance specifications per ASTM C635



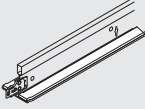
HIGH RECYCLED CONTENT

1-1/2" TEE SYSTEM

Main Tee

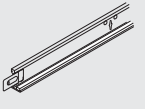


Cross Tee 1-1/2"

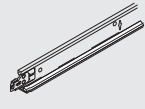


15/16" TEE SYSTEM

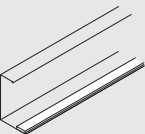
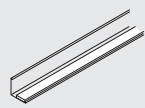
Main Tee



Cross Tee 1-1/2"



MOLDING^{4,5}



PHYSICAL DATA/ FOOTNOTES

ASTM Class	Length	Height	Item No.	Fire Rating	Color	Seismic Design Category		Rated Load ^{1,2,3}						
						IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing				
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			
	2' 600 mm	1-1/2" 38 mm	DXWCE224									—	—	65 lbs./LF
	4' 1200 mm	1-1/2" 38 mm	DXWCE424									—	—	13 lbs./LF
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				
	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									
Wall Angle	Length	Item No.	Color	Hold-Down Clips	High Recycled Content Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.									
	12' 3600 mm	M7CE (up to 65% recycled content)	Flat White	L15										
	10' 3000 mm	US28CE	Flat White	C-8										

Product literature and samples

Data sheet: AC3129, DXCE sample: 207901

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 usgdesignstudio.com.

Installation

Must be installed in compliance with ASTM C636, ASTM E580, C15CA 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 USG Donn® Brand CE™ acoustical suspension system through special order.

ICC Evaluation Service LLC. 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 usgdesignstudio.com or 800.USG.4YOU (874-4968) for current reports.

L.A. Research Report Compliance

USG 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

USG Donn® Brand 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 semirestricted areas.
- Capable of withstanding cleaning and/or disinfecting chemicals as tested in accordance with ASTM D402-93.

Testing

Tested in accordance with Federal Standard 209E.

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.
2. When required, lay-in light fixtures used in cleanroom ceiling assemblies shall be certified for cleanroom applications.
3. HEPA filters must be supported at all four corners of grid module.
4. For more information on moldings, see Perimeter Interface selector.
5. Panels must be field-cut to size at the perimeter.
6. US28CE molding and L15 and C-8 hold-down clips required for clean room ISO 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.