



DOWN CE Suspension System/
CLEAN ROOM Panels with CLIMAPLUS Performance—Class 100

LEED Credits
Recycled Content: 25%

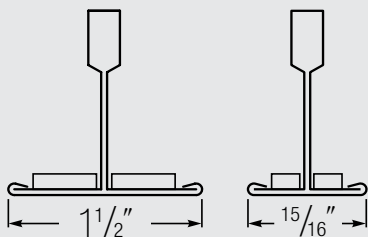
MR				EQ		
Waste Reduction	Recycled Content	Regional Materials ¹	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●				

Features and Benefits

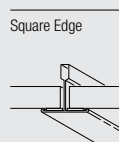
- Grid system with factory-applied closed-cell foam gaskets for controlled-environment rooms.
- Hot-dipped galvanized body provides unequalled corrosion protection.
- Certified for Class 100 cleanroom environment per Federal Standard 209(e).
- Meets or exceeds all national code requirements, including seismic.
- Supports cleanroom HEPA filters and lights.

Applications

- Controlled environments
- Hospitals
- Food processing areas
- Cleanrooms to Class 100





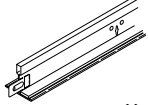
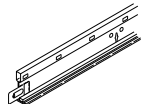
Profile



Edge Detail

Call 888.874.2450 for color samples

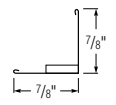
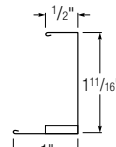


	ASTM Class	Length	Height	Item No.	Class	Color	Seismic Zones		Seismic Solutions	Rated Load ^{2,3,4,5}		
							UBC	IBC		Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing
												
1-1/2" Tee System	Heavy Duty	12'	1-1/2"	DXWCE26	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF
Main Tee												
												
Cross Tee 1-1/2"		2'	1-1/2"	DXWCE24	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	65.0 lbs./LF		
		4'	1-1/2"	DXWCE424	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	13.8 lbs./LF		
15/16" Tee System	Intermediate Duty	12'	1.64"	DXCE24	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF
Main Tee												
												
Cross Tee		2'	1-1/2"	DXCE224	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip			
		4'	1-1/2"	DXCE424	Class A	Flat White	0-4	A-F	7/8" Molding ACM7 Clip			



New DONN Seismic Solutions

- Meets or exceeds all national code requirements with 7/8" wall molding.
- Fulfills requirements for IBC seismic design categories A-F.
- Certified with maximum sq. ft. weights, representing complete ceiling systems.
- Compliance with IBC seismic design categories D, E, and F with USG Intermediate Duty system without perimeter wires.

	Wall Angle	Length	Item No.	Color
Molding^{6,7}		12'	M7CE	Flat White
		10'	US28CE	Flat White

Physical Data/ Footnotes

Product literature
Data sheet: AC3129

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

Recycled content
25%. For details, see the Sustainability selector.

Installation
Must be installed in compliance with ASTM C636, CISCA, and standard industry practices.

Limitations
Severe Environmental Requirements: For exposed grids in non-fire-rated high-humidity applications, use aluminum or ZXLA™ suspension systems.

For exterior applications, suspension should be reviewed by a structural engineer.
Not recommended with metal panels. If metal panels are used, a gasket may be applied to the CE suspension system through special order.

ICC Evaluation Service, Inc., Report Compliance
Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ES Evaluation Reports. Evaluation Reports are subject to reexamination, revision and possible cancellation. Please refer to USGDesignStudio.com or 800 USG.4YOU for current reports.

L.A. Research Report Compliance
Down brand suspension systems manufactured by USG Interiors, Inc. have been reviewed and are approved by listing in one or more of the following L.A. Research Report numbers: 22179, 23451, 24095.

The City of New York BSA and MEA Report Compliance
Down 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.

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

- Footnotes**
1. Dependent on location; contact your USG representative.
 2. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
 3. Do not use standard lay-in light fixtures with this system.
 4. HEPA filters must be supported at all four corners of grid module.
 5. For detailing and module loading, please request AC3128.
 6. For more information on moldings, see Perimeter Interface selector.
 7. Panels must be field-cut to size at the perimeter.