



Donn CE Suspension System/  
Clean Room Panels with CLIMAPLUS Performance—Class 100

**LEED Credits**

Recycled Content: Up to 60%

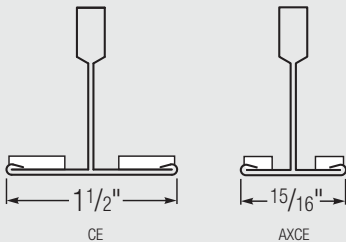
MR				EQ		
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●				

**Features and Benefits**

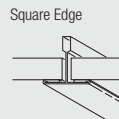
- Grid system with factory-applied closed-cell foam gaskets for controlled-environment rooms
- G30 hot-dipped galvanized body provides unequalled corrosion protection
- Meets or exceeds all national code requirements, including seismic
- Supports cleanroom HEPA filters and lights.
- ICC-ES evaluated 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 D402-93
- White gasket blends with grid and tile

**Applications**

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



Profile



Edge Detail

To order samples, go to [usg.com](http://usg.com)

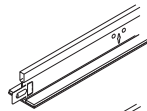


Flat White



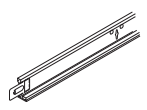
System meets or exceeds load compliance specifications per ASTM C635

**1-1/2" Tee System Main Tee**

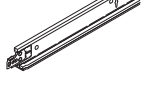


ASTM Class	Length	Height	Item No.	Class	Color	Seismic Design Category		Rated Load <sup>1,2,3</sup>			
						IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing	
Heavy Duty	12'	1-1/2"	<b>DXWCE26</b> (up to 60% recycled content) <b>HRC</b>	Class A	Flat White	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF	
	2'	1-1/2"	<b>DXWCE224</b>	Class A	Flat White			65 lbs./LF			
	4'	1-1/2"	<b>DXWCE424</b>	Class A	Flat White			13 lbs./LF			
Intermediate Duty	12'	1.64"	<b>DXCE24</b>	Class A	Flat White			12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF	
Heavy Duty	12'	1.64"	<b>DXCE26</b>	Class A	Flat White			16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF	
	2'	1-1/2"	<b>DXCE224</b>	Class A	Flat White						
	4'	1-1/2"	<b>DXCE424</b>	Class A	Flat White						

**15/16" Tee System Main Tee**



**15/16" Tee System Cross Tee**



Wall Angle	Length	Item No.	Color
<b>Molding<sup>4,5</sup></b> 	12'	<b>M7CE</b> (up to 65% recycled content) <b>HRC</b>	Flat White
	10'	<b>US28CE</b>	Flat White

**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.

**Physical Data/ Footnotes**

**Product literature & samples**

Data sheet: AC3129.  
 DXCE Sample: 207901.  
 DXWCE Sample: 217165.

**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 generator at [usgdesignstudio.com](http://usgdesignstudio.com).

**Installation**

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices.

**Limitations**

Severe Environmental Requirements: For exposed grids in non-fire-rated,

high-humidity applications, use aluminum or ZXL™ 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, 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](http://usgdesignstudio.com) or 800 USG.4YOU for current reports.

**L.A. Research Report Compliance**

DONN brand suspension systems manufactured by USG Interiors, LLC, have been reviewed and are approved by listing in one or more of the following L.A. Research Report numbers: 22179, 23451, 24095, 25764.

**The City of New York BSA and MEA Report Compliance**

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.

**Health Care 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 D402-93.

**Testing**

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

**Footnotes**

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. Do not use standard lay-in light fixtures with this system.
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.