

**HRC**  
NOW AVAILABLE



DOWN DX/DXL Suspension System/  
ECLIPSE Panels with CLIMAPLUS Performance

**LEED Credits**  
Recycled Content: up to 58%

Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●				

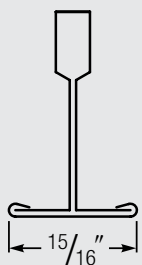
**Features and Benefits**

- 15/16" exposed tee system. Components for use in general and fire-rated applications.
- Maximum economy and design simplicity.
- DXL system features more than 80 UL designs (up to 3 hours).
- Cross-tee override ends resist twisting and give a professionally finished look.
- Meets or exceeds all national code requirements, including seismic.
- Patented QUICK-RELEASE™ cross tees.
- High recycled content (HRC) available.

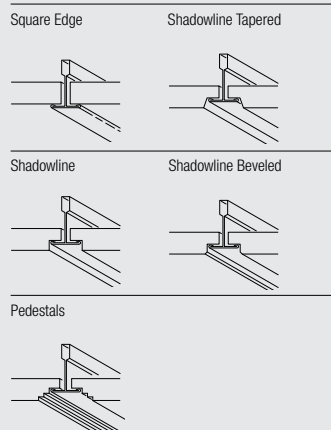
- Custom color available.
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222).

**Applications**

- Fire-rated, interior general use areas



Profile



Edge Detail

**Standard Colors**

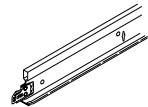
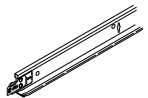
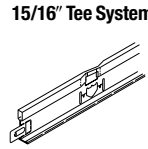
White	Parchment 103	Manila 246	Beige 142	Straw 143	Sandstone 090	Taupe 107
Charcoal 534	Flat Black 205	Silver Satin 002	Brass 065	Chrome 066		

**Advantage Colors**

Silvertone 052	Breeze 2659	Blue Grey 564	Azure 2660	Slate 568	Spruce 567	Tuscany 2663	Sorbet 2658
Squash 2662	Safari 2662	Redwood 566	Sienna 565	Halo 206	Mist 053	Nectar 546	Quartz 082



System meets or exceeds load compliance specifications per ASTM C635



ASTM Class	Length	Height	Item No.	Class <sup>4</sup>	Color <sup>5</sup>	Post Consumer RC	Total RC	Seismic Zones <sup>2</sup>		Seismic Solutions		Rated Load <sup>3</sup>		
								UBC	IBC	Categories D, E, F Alternate Method	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing <sup>8</sup>	
Intermediate Duty	12'	1.64"	DX/DXL24 <sup>7,8</sup>	●	Flat White Standard Advantage	16-39%	58%	0-4	A-F	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF	
			DX/DXL24HRC <sup>7,8</sup>			51%								
Heavy Duty	12'	1-1/2"	DX/DXL26 <sup>7,8</sup>	●	Flat White Standard Advantage	23-39%	58%	0-4	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF	
			DX/DXL26HRC <sup>7,8</sup>			51%								
Cross Tee 1"	2'	1"	DX/DXL216 <sup>8</sup>	●	Flat White Standard Advantage	24-25%	32%	0-4	A-F	7/8" Molding ACM7 Clip				
			DX/DXL216HRC <sup>8</sup>			26%								
Cross Tee 1-1/2"	4'	1-1/2"	DX/DXL424 <sup>8</sup>	●	Flat White Standard Advantage	16-20%	58%	0-4	A-F	7/8" Molding ACM7 Clip				
			DX/DXL424HRC <sup>8</sup>			51%								
	5'	1-1/2"	DX422 <sup>9</sup>	Class A	Flat White Standard Advantage	24-25%	33%	0-4	A-F	7/8" Molding ACM7 Clip				
			DX422HRC <sup>9</sup>	26%										
			DX/DXL524 <sup>8</sup>	●	Flat White Standard	17-39%		0-4	A-F	7/8" Molding ACM7 Clip				

**New DONN Seismic Solutions**

- ICC-ESR-1222.
- 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 when approved by local jurisdiction authority.

Wall Angle <sup>12</sup>	Item No.	Length	Color	Wall Angle <sup>12</sup>	Length	Item No.	Color	Post Consumer RC	Total RC
	10'	M20SM-2	Flat White		12'	M7 <sup>8</sup>	Flat White Standard Advantage	53%	61%
						M7 HRC <sup>9</sup>			
	10'	MS274 <sup>5</sup> 2" shelf for seismic	Flat White Custom		10'	M20 <sup>5</sup> M20HD Heavy Duty M20SM Seismic	Flat White Custom		

**Physical Data/ Footnotes**

**Product literature & Samples**

Data sheet: AC3167. Sample flat white - seismic: 271370. Sample flat white: 215673. Sample main tee: 206563. Sample flat black: 205100.

**Material**

Double-web G30 hot-dipped galvanized steel body; steel cap finished with four-step protective coating.

**Recycled content**

For details, see LEED report generator at www.usgdesignstudio.com.

**Installation**

Must be installed in compliance with ASTM C636, ASTM E580, C15CA or standard industry practices, within all applicable code requirements. See UL Fire Resistance Directory for rated assembly details.

**Limitations**

Severe Environmental Requirements:

Panels in exposed grids in non-fire-rated, high-humidity applications: use all-aluminum AX™ or ZXLA™ painted HDG suspension systems with aluminum cap. Panels in exposed grids in fire-rated, high-humidity applications: use ZXLA suspension systems. For all exterior applications, suspension should be reviewed by a structural engineer.

**ICC Evaluation Service, Inc., Report Compliance**

Suspension systems manufactured by USG Interiors, Inc., 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 for current reports.

**L.A. Research Report Compliance**

DONN 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, 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**

System meets or exceeds load compliance specifications per ASTM

C635. Main tees will not deflect more than 1/8" over 48" span (or L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

**Footnotes**

1. Dependent on location; contact your USG representative.
2. All DX/DXL main-tee and cross-tee connections meet IBC requirements for tension and compression strength.
3. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit of L/360.
4. UL fire-rated listing, labeling and follow-up applies only to fire-rated components.
5. Color program for imperial only. Consult Customer Service for custom color and metric-tee colors.
6. Non-fire-rated only.

7. Cross-tee hole punch spacings also available for 20" and 30" modules.

8. Available in metric; add "ME" to Item No. Consult Customer Service for colors of metric tees.

9. DX cross tees available in additional sizes and lengths.

Non-fire-rated applications may mix DX and DXL parts.

10. For moldings information, see Perimeter Interface selector.

11. Panels must be specified to be field-cut, field-revealed and to provide widest possible lay-on edge. 12. For DXL, channel moldings are also acceptable in some designs. Check UL Fire Resistance Directory for molding options.

13. Brass and chrome available on limited items.

14. USG follows FTC Guidelines for recycled content.

