



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

LEED Credits

Recycled Content: Up to 65%

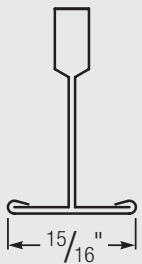
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●				

Features and Benefits

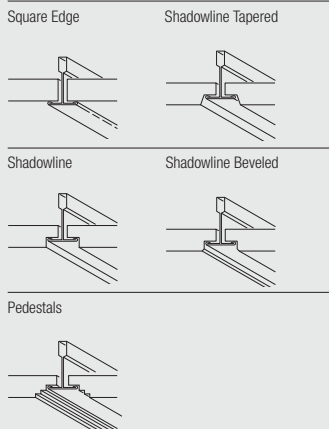
- 15/16" exposed tee system. Components for use in general and fire-rated applications
- Maximum economy and design simplicity
- DXL system features more than 80 UL designs (up to 3 hours)
- Cross-tee override ends resist twisting and give a professionally finished look
- Meets or exceeds all national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

To order samples, go to usg.com

Standard Colors⁴

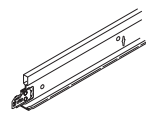
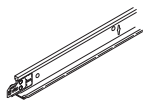
White	Parchment 103	Manila 246	Beige 142	Straw 143	Sandstone 090	Taupe 107
Charcoal 534	Flat Black 205	Silver Satin 002	Brass 065 ¹³	Chrome 066 ¹³		

Advantage Colors⁴

Silverstone 052	Breeze 2659	Blue Grey 564	Azure 2660	Slate 568	Spruce 567	Tuscany 2663	Sorbet 2658
Squash 2661	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	Color	Post Consumer RC	Total RC	Seismic Design Categories ¹			Rated Load ²		
								IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing ³	
Intermediate Duty	12'	1.64"	DX/ ^{3,4,7,12} DXL24	☉	Flat White Standard Advantage	up to 39%	up to 47%	A-C	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF	
			DX/ ^{3,4,12} DXL24 HRC			57% HRC	65% HRC						
Heavy Duty	12'	1-1/2"	DX/ ^{3,4,7,12} DXL26	☉	Flat White Standard Advantage	up to 39%	up to 47%	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF	
			DX/ ^{3,4,12} DXL26 HRC			57% HRC	65% HRC						
Cross Tee 1"	2'	1"	DX/ ^{3,4,7,12} DXL216	☉	Flat White Standard Advantage	up to 25%	up to 33%						
			DX/ ^{3,4,12} DXL216 HRC			57% HRC	65% HRC						
Cross Tee 1-1/2"	4'	1-1/2"	DX/ ^{3,4,7,12} DXL424	☉	Flat White Standard Advantage	up to 20%	up to 47%						
			DX/ ^{3,4,12} DXL424 HRC			57% HRC	65% HRC						
			DX422 ^{5,7,9}	Class A	Flat White Standard Advantage	up to 25%	up to 33%	57% HRC	65% HRC				
			DX422 HRC ⁵										
	5'	1-1/2"	DX/ ^{3,4,7,12} DXL524	☉	Flat White Standard	up to 39%	up to 46%						

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.

Wall Angle	Length	Item No.	Color	Wall Angle	Length	Item No.	Color	Post Consumer RC	Total RC
Molding ¹⁰	10'	M20SM-2 (up to 65% recycled content) HRC	Flat White		12'	M7 ⁸	Flat White Standard Advantage	up to 65% HRC	
						M7 HRC ⁹		57% HRC	65% HRC
Shadowline ¹¹	10'	MS274 ⁵ 2" shelf for seismic (Up to 65% recycled content) HRC	Flat White Custom		10'	M20 ⁵	Flat White Custom	up to 65% HRC	
						M20HD Heavy Duty		up to 58% HRC	
						M20SM Seismic		up to 65% HRC	

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 and G30 hot-dipped galvanized steel cap.

Recycled content

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

Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA 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 ZXA™ painted HDG suspension systems with aluminum cap. Panels in exposed grids in fire-rated, high-humidity applications: use ZXA 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, 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 for current reports.

L.A. Research Report Compliance

Down 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

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

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

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

- Non-fire-rated only.
- Cross-tee hole punch spacings also available for 20" and 30" modules.
- Available in metric
- DX cross tees available in additional sizes and lengths.
- Non-fire-rated applications may mix DX and DXL parts.
- For moldings information, see Perimeter Interface selector.
- Panels must be specified to be field-cut, field-revealed and to provide widest possible lay-on edge.
- For DXL, channel moldings are also acceptable in some designs. Check UL Fire Resistance Directory for molding options.
- Brass and chrome available on limited items.

