

DONN DX/DXL Suspension System / Eclipse Panels with ClimaPlus 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 professional 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

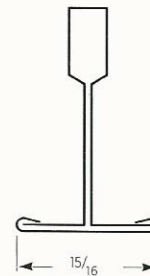


LEED CREDITS

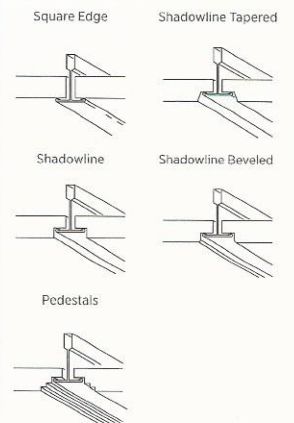
Recycled Content: Up to 65%

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



Edge Detail

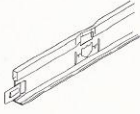


















Standard Colors*




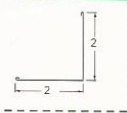

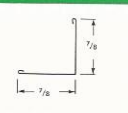


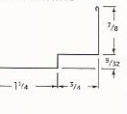
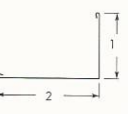



Advantage Colors†



15/16 Tee System	ASTM Class	Length	Height	Item No.	Class	Color	Post Consumer RC	Total RC	Seismic Design Category ¹		Rated Load ²		
									IBC	ICC-ES Evaluated Installation	4 Hanger Spacing	5 Hanger Spacing	6 Hanger Spacing ³
System meets or exceed lead compliance specifications per ASTM C635													
MAIN TEE 	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} DXL24HRC ¹⁴			57% 	65% 					
	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} DXL26HRC ¹⁴			57% 	65% 					
CROSS TEE 1 		2	1	DX/ ^{3,4,7,12} DXL216		Flat White Standard Advantage	up to 26%	up to 33%					
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} DXL424HRC ¹⁴			57% 	65% 					
				DX422 ^{5,7,9}			Class A	Flat White Standard Advantage					
				DXL422HRC ^{5,14}			Flat White Standard Advantage	57% 	65% 				
			5	1-1/2	DX/ ^{3,4,7,12} DXL424		Flat White Standard	up to 39%	up to 46%				

 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
Molding¹⁰ 		10	M20SM-2 (up to 65% recycled content) 	Flat White		12	M7 ⁸	Flat White Standard Advantage	up to 65% 	
							M7HRC ⁸		57% 	
	Shadowline¹¹ 	10	MS274 ⁵ 2 shelf for seismic (up to 65% recycled content)	Flat White Custom		10	M20 ⁵	Flat White Custom	up to 65% 	
							M20HD Heavy Duty		up to 58% 	
M20SM Seismic							up to 65% 			

PHYSICAL DATA/ FOOTNOTES

Material

Double-web G30 hot-dipped galvanized steel body and G30 hot-dipped galvanized steel cap.

Recycled Content

For details, see the LEED report tool at usgdesignstudio.com

Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA, and 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 AXTM or ZXLATM painted HDG suspension systems with aluminum cap. Panels in exposed grid 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, 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.

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.

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, labelling 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 acceptable in some designs. Check UL Fire Resistance Directory for molding options.
- Brass and chrome available on limited items.
- Products from USA