

Down DX/DXL Suspension System/
Eclipse Panels with CLIMA^{PLUS} Performance

Features and Benefits

- 15/16" exposed tee system. Components for use in general and fire-rated applications.
- Maximum economy and design simplicity.
- Compatible with Logix[™] Integrated Ceiling Systems.
- DXL[™] system features more than 80 UL designs (up to three 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.

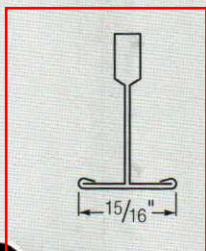
- High recycled content (HRC) available.
- Custom color available.
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222).

Applications

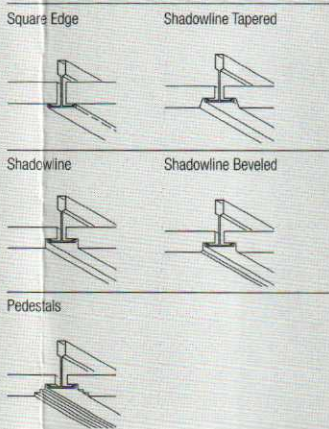
- Fire-rated, interior general use areas
- Logix Integrated Ceiling Systems

See LEED report tool at usgdesignstudio.com for detailed sustainability information.

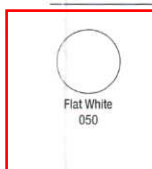
To order samples, go to usg.com



Profile



Edge Detail



Standard Colors⁴



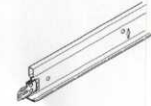
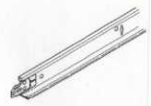
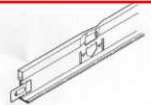
Advantage Colors⁴





System meets or exceeds load compliance specifications per ASTM C635

15/16" Tee System Main Tee



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' 3600mm	1.64" 42mm	DX/ ^{3,4,7,12} DXL24	Class A	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			57%	65%						
Heavy Duty	12' 3600mm	1.64" 42mm	DX/ ^{3,4,7,12} DXL26	Class A	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			57%	65%						
Cross Tee 1"	2' 600mm	1" 25mm	DX/ ^{3,4,7,12} DXL216	Class A	Flat White Standard Advantage	up to 25%	up to 33%	A-C	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF	
			DX/ ^{3,4,12} DXL216HRC			57%	65%						
Cross Tee 1-1/2"	4' 1200mm	1-1/2" 38mm	DX/ ^{3,4,7,12} DXL424	Class A	Flat White Standard Advantage	up to 20%	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} DXL424HRC			57%	65%						
	5' 1500mm	1-1/2" 38mm	DX/ ^{3,4,7,12} DXL524	Class A	Flat White Standard	up to 39%	up to 46%	A-C	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF	
			DX422 ^{5,7,9} DX422HRC ⁵			57%	65%						

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
	10' 3000mm	M20SM-2 (up to 65% recycled content) 	Flat White		12' 3600mm	M7 ⁸	Flat White Standard Advantage	up to 65%	65%
						M7HRC ⁸		57%	
	10' 3000mm	MS274 ⁵ 2" shelf for seismic (Up to 65% recycled content) 	Flat White Custom		10' 3000mm	M20 ⁵	Flat White Custom	up to 65%	65%
						M20HD Heavy Duty		up to 58%	
						M20SM Seismic		up to 65%	

Molding¹⁰



Physical Data/ Footnotes

Product literature and 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 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. Alternative assemblies and installation methods may be utilized when approved by the Authority Having Jurisdiction. USG recommends checking with the Authority Having Jurisdiction prior to designing and installing a suspended ceiling system.

Limitations
 Please refer to AX™ or ZXL™ for exposed suspension systems in non-fire-rated, high humidity applications. Interior applications only. Please refer to SC2561 for more information about exterior ceiling applications.
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 (800.874.4968) for current reports.
L.A. Research Report Compliance
 DANN® brand suspension systems manufactured by USG Interiors, LLC, have been reviewed and are approved by listing in the following L.A. Research Report number: 25764.

Code compliance
 The information presented is correct to the best of our knowledge at the date of issuance. Because codes continue to evolve, check with a local official prior to designing and installing a ceiling system. Other restrictions and exemptions may apply.
The City of New York BSA and MEA Report Compliance
 DANN 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 deflect more than 1/8" over 48"

span (or L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.
Notes
 1. All DX®/DXL™ main-tee and cross-tee connections meet IBC requirements for tension and compression strength.
 2. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit of L/360.
 3. UL fire-rated listing, labeling and follow-up applies only to fire-rated components.
 4. Color program for imperial only. Consult Customer Service for custom color and metric-tee colors.
 5. Non-fire-rated only.
 6. Cross-tee hole punch spacings also available for 20" and 30" modules.
 7. Available in metric.
 8. DX cross tees available in additional sizes and lengths.
 9. 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.
Notice
 We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.



Manufactured by USG Interiors, LLC
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Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read MSDS and literature before specification and installation.

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