

USG DONN® BRAND DX®/DXL™ ACOUSTICAL SUSPENSION SYSTEM



USG Donn® Brand DX®/DXL™
Acoustical Suspension System/
USG Eclipse™ Acoustical Panels

FEATURES AND BENEFITS

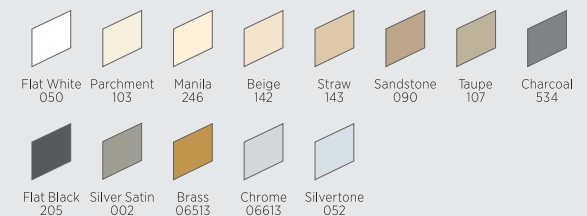
- 15/16" exposed tee system. Components for use in general and fire-rated applications.
- Maximum economy and design simplicity.
- Compatible with USG Logix™ Integrated Ceiling System.
- USG DXL™ system features more than 80 UL designs (up to three hours).
- Cross-tee override-ends resist twisting and 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

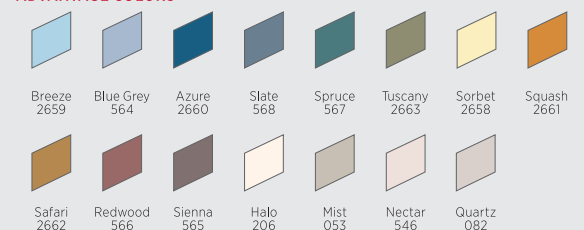
- Fire-rated interior general use areas
- USG Logix™ Integrated System

TO ORDER SAMPLES, GO TO USGBORAL.COM

STANDARD COLORS⁴

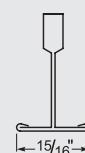


ADVANTAGE COLORS⁴

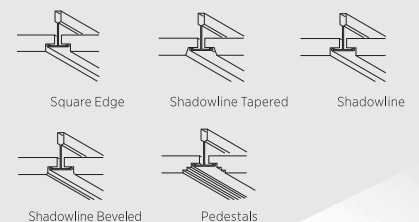


Grid and trim available in painted coordinating colors

PROFILE



EDGE DETAIL



USG DONN® BRAND DX®/DXL™ ACOUSTICAL SUSPENSION SYSTEM



System meets or exceeds load compliance specifications per ASTM C635



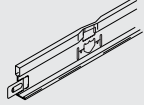
10 YEAR AVAILABILITY



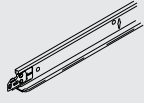
HIGH RECYCLED CONTENT

15/16" TEE SYSTEM

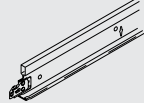
Main Tee



Cross Tee 1"



Cross Tee 1-1/2"



MOLDING¹⁰



PHYSICAL DATA/ FOOTNOTES

ASTM Class	Length	Height	Item No.	Fire Rating	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 ⁹			
Intermediate Duty	12' 3600mm	1.64" 42mm	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											57%	65%
Heavy Duty	12' 3600mm	1.64" 42mm	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											57%	65%
	2' 600mm	1" 25mm	DX/ ^{3,4,7,12} DXL216		Flat White Standard Advantage	up to 25%	up to 33%								
			DX/ ^{3,4,12} DXL216HRC											57%	65%
			DX/ ^{3,4,7,12} DXL424											Class A	Flat White Standard Advantage
DX/ ^{3,4,12} DXL424HRC	57%	65%													
	4' 1200mm	1-1/2" 38mm	DX/ ^{3,4,7,12} DXL424		Flat White Standard Advantage	up to 20%	up to 47%								
			DX/ ^{3,4,12} DXL424HRC											57%	65%
	5' 1500mm	1-1/2" 38mm	DX/ ^{3,4,7,12} DXL524		Flat White Standard	up to 39%	up to 46%								
			DX/ ^{3,4,12} DXL524HRC											57%	65%

High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.



Wall Angle	Length	Item No.	Color	Wall Angle	Length	Item No.	Color	Postconsumer 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%	
						M7HRC ⁵		57%	65%
	10' 3000mm	MS274 ⁵ 2" shelf for seismic (Up to 65% recycled content)	Flat White Custom		10' 3000mm	M20 ⁵ M20HD Heavy Duty M20SM Seismic	Flat White Custom	up to 65%	
								up to 58%	
								up to 65%	

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.

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 (874-4968) for current reports.

L.A. Research Report Compliance
USG Donn® 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
USG Donn® Brand 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.

Notes
1. All USG 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.

- 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.
- USG DX® cross tees available in additional sizes and lengths.
- Non-fire-rated applications may mix USG DX® and DXL™ parts.
- For moldings information, see Perimeter Interface selector.
- Panels must be specified to be field-cut and field-revealed and to provide widest possible lay-on edge.
- For USG DXL™, channel moldings are also acceptable in some designs. Check UL Fire Resistance Directory for molding options.
- 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.