

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



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

FEATURES AND BENEFITS

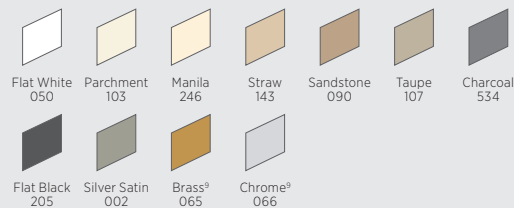
- 15/16" exposed tee system. Components for use in general and fire-rated applications.
- Maximum economy and design simplicity.
- Compatible with USG Logix™ Integrated Ceiling System.
- USG DXL™ system features more than 80 UL designs (up to three hours).
- Cross-tee override-ends resist twisting and 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 colors available.
- ICC-ES evaluated for seismic installations (ESR-1222).

APPLICATIONS

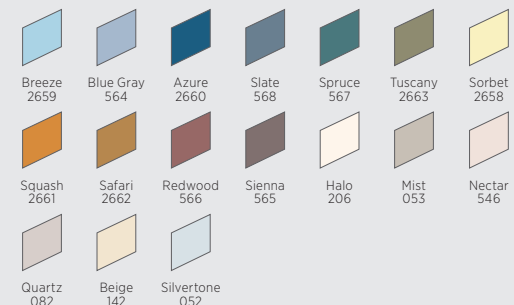
- Fire-rated interior general-use areas
- USG Logix™ Integrated System

TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS

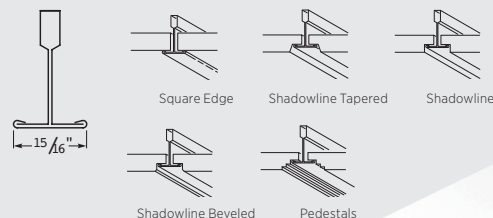


ADVANTAGE COLORS



PROFILE

EDGE DETAIL



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

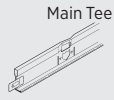
ORDER SAMPLES/LITERATURE
USG: samplitt@usg.com
fax: 888 874-2348 | usg.com
CGC: contact Sales Representative

TECHNICAL SERVICES
800 USG.4YOU (874-4968)

FOR MOST UP-TO-DATE
TECHNICAL INFORMATION
AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com



15/16" TEE SYSTEM¹⁰



MOLDING^{6, 7, 8, 10}



PHYSICAL DATA/ FOOTNOTES

Notice

The information in this document is subject to change without notice. CGC Inc. or USG Corp. assumes no responsibility for any errors that may inadvertently appear in this document.

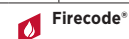
AC3167/rev. 2-17

© 2017 USG Corporation and/or its affiliates. All rights reserved. Printed in U.S.A.

ASTM Class	Length	Height	Item No.	Fire Rating ³	Color ^{4,9}	Seismic Design Category ¹			Rated Load ²	
						IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing ⁸
Intermediate Duty	12' 3600 mm	USG 1.64" (42 mm) CGC 1.5" (25 mm)	DX/DXL24		Flat White Standard Advantage	A-C	7/8" Molding ACM7 Clip	12 lb./LF	6.1 lb./LF	3.6 lb./LF
			DX/DXL24HRC							
Heavy Duty	12' 3600 mm	USG 1.64" (42 mm) CGC 1.5" (25 mm)	DX/DXL26 ⁷		Flat White Standard Advantage	A-F	7/8" Molding ACM7 Clip	16 lb./LF	7.3 lb./LF	4.9 lb./LF
			DX/DXL26HRC							
	2' 600 mm	1" 25 mm	DX/DXL216 DX/DXL216HRC		Flat White Standard and Advantage					
	20"	1" (25 mm)	DX2016	Class A	Flat White					
	30"	1" (25 mm)	DX3016	Class A	Flat White					
	3'	1-1/2" (38 mm)	DX324	Class A	Flat White					
	4' 1200 mm	1-1/2" 38 mm	DX/DXL424		Flat White Standard and Advantage					
DX/DXL424HRC										
DX422 ^{5,7,9} DX422HRC ⁵										
	4' (1200 mm)	1" (25 mm)	DX416	Class A	Flat White					
	4' (1200 mm)	1-1/2" (38 mm)	DX426 HD	Class A	Flat White					
	5' (1500 mm)	1-1/2" (38 mm)	DX/DXL524		Flat White Standard					
	6'	1-1/2" (38 mm)	DX624	Class A	Flat White					
	8'	1-1/2" (38 mm)	DX824	Class A	Flat White					
Wall Angle		Length	Item No.	Color						
		10' 3000 mm	M20SM-2	Flat White						
		12' 3600 mm	M7 M7HRC	Flat White Standard and Advantage						
		10' 3000 mm	MS274 ⁵	Flat White Custom						
		10' 3000 mm	M20 ⁵ M20HD/Heavy Duty M20SM/Seismic	Flat White Custom						

HRC 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.



Product literature and samples

Data sheet: AC3167
USG Logix™ system guide: IS268
USG Logix™ architectural design guide: IS287
USG Logix™ critical system dimensions: IS609
Sample flat white—seismic: 271370, Sample flat white: 215673, Sample main tee: 206563, Sample flat black: 205100

Material

Min. G30 hot-dipped galvanized steel body and cap. Baked-on polyester paint.

Installation

Install according to ASTM C636, ASTM E580, CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

Online tools

usgdesignstudio.com or cgcdesignstudio.com

ICC Evaluation Service, LLC Report Compliance

For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

LA Research Report - RR 25764

Refer to usg.com for most current version.

ASTM Load Compliance

Classified as Light, Intermediate or Heavy Duty when tested in accordance with ASTM C635.

Notes

- All USG DX®/DXL™ main-tee and cross-tee connections meet IBC requirements for tension and compression strength.
- Load test data shows uniform load in lb./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. Upcharges apply to Standard and Advantage colors.
- Non-fire-rated only.
- Non-fire-rated applications may mix USG DX® and DXL™ parts.
- 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.
- Metric sizes listed are available with standard lead times. Other metric sizes available by RTQ.

Manufactured by USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

The trademarks USG, CGC, DONN, DX, DXL, ECLIPSE, FIRECODE, LOGIX, QUICK-RELEASE, IT'S YOUR WORLD. BUILD IT., the USG/CGC logo, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.

Safety First! Follow good safety/industrial hygiene practices during installation. Wear appropriate personal protective equipment. Read SDS and literature before specification and installation.

