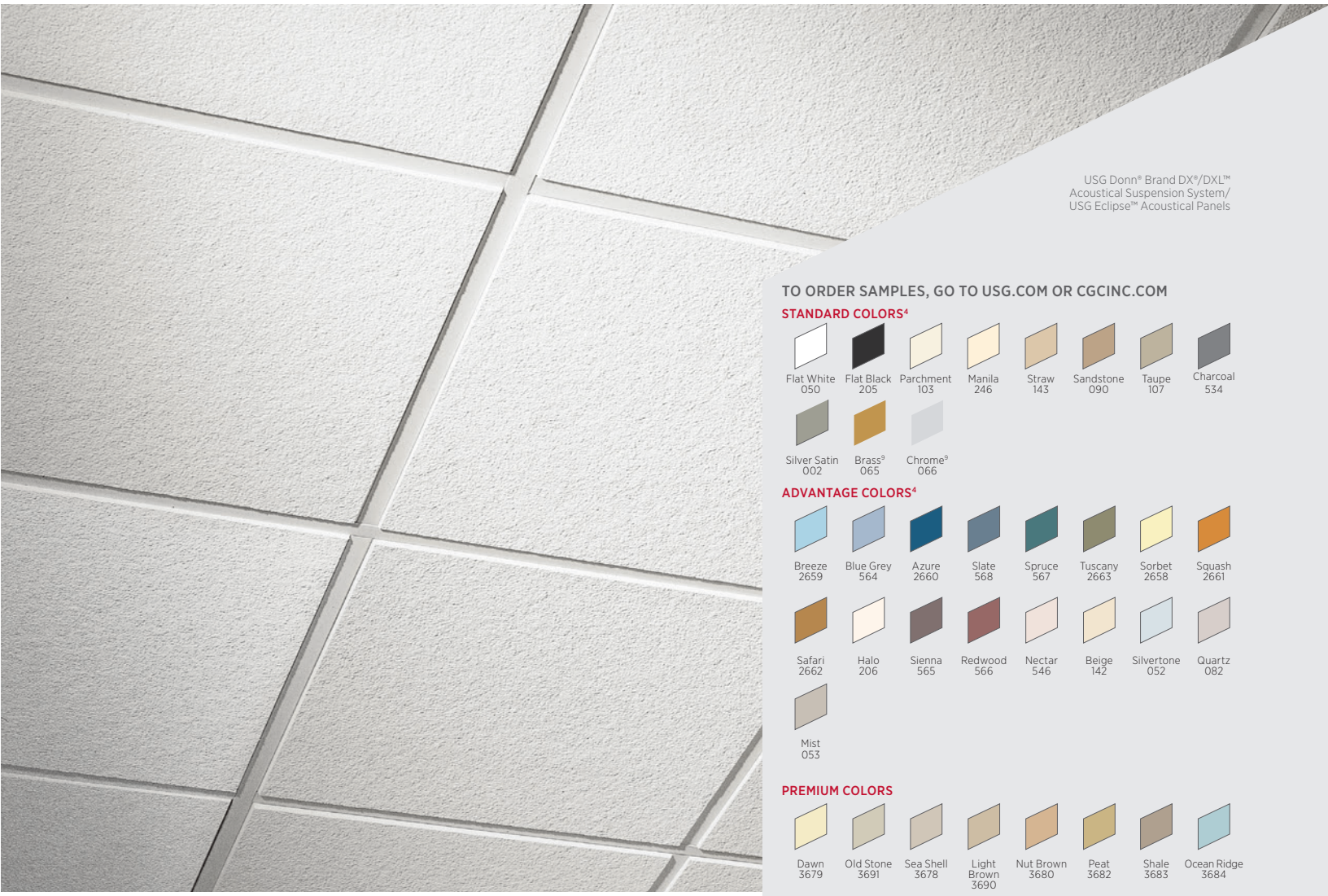
USG Ceiling Solutions

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[4]

Flat White 050 · Flat Black 205 · Parchment 103 · Manila 246 · Straw 143 · Sandstone 090 · Taupe 107 · Charcoal 534

Silver Satin 002 · Brass[9] 065 · Chrome[9] 066

ADVANTAGE COLORS[4]

Breeze 2659 · Blue Grey 564 · Azure 2660 · Slate 568 · Spruce 567 · Tuscany 2663 · Sorbet 2658 · Squash 2661

Safari 2662 · Halo 206 · Sienna 565 · Redwood 566 · Nectar 546 · Beige 142 · Silvertone 052 · Quartz 082

Mist 053

PREMIUM COLORS

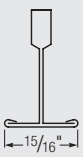
Dawn 3679 · Old Stone 3691 · Sea Shell 3678 · Light Brown 3690 · Nut Brown 3680 · Peat 3682 · Shale 3683 · Ocean Ridge 3684

Atmosphere 3681 · Laguna 3685 · Grass 3688 · Tangy Taleia 3689 · Deep Cranbury 3687 · Deep Violet 3686 · Deep Berry 3693 · Deep Blue 3692

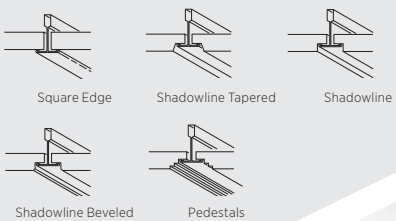
POWDER-COATED FINISH

Powder White 3767

PROFILE



EDGE DETAIL



USG CGC
IT'S YOUR WORLD. BUILD IT.™

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

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

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

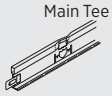
FOR MOST UP-TO-DATE TECHNICAL INFORMATION AND LEED REPORT TOOL
usgdesignstudio.com
cgcdesignstudio.com

30 YEAR LIMITED SYSTEM WARRANTY
- No Visible Sag
- Mold/Mildew Protection

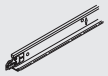
HRC HIGH RECYCLED CONTENT

15/16" TEE SYSTEM[10]

Main Tee



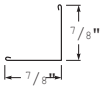
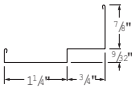
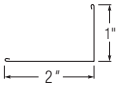
Cross Tee 1"



Cross Tee 1-1/2"

ASTM Class	Length	Height	Item No.	Fire Rating[3]	Color[4,9]	Seismic Design Category[1] IBC	Seismic Design Category[1] ICC-ES Evaluated Installation	Seismic Design Category[1] 4' Hanger Spacing	Rated Load[2] 5' Hanger Spacing	Rated Load[2] 6' Hanger Spacing[8]
Intermediate Duty	**12'** 3600 mm	**USG 1.64"** (42 mm)	**DX24** **DXL24** HRC	Class A	Flat White Standard Advantage	A-C	7/8" Molding ACM7 Clip	12 lb./LF	6.1 lb./LF	3.6 lb./LF
		CGC 1.5" (38 mm)	**DX/DXL24** HRC							
Heavy Duty	**12'** 3600 mm	**USG 1.64"** (42 mm)	**DXL26** HRC		Flat White Standard Advantage	A-F	7/8" Molding ACM7 Clip	16 lb./LF	7.3 lb./LF	4.9 lb./LF
		CGC 1.5" (38 mm)	**DX/DXL26** HRC							
	2' 600 mm	**USG 1"** (25 mm)	**DX216** **DXL216** HRC	Class A	Flat White Standard and Advantage					
		CGC 1" (25 mm)	**DX/DXL216** HRC							
	20"	**1"** (25 mm)	**DX2016**	Class A	Flat White, Standard, Advantage, and Premium					
	30"	**1"** (25 mm)	**DX3016**	Class A	Flat White, Standard, Advantage, and Premium					
	3'	**1-1/2"** (38 mm)	**DX324**	Class A	Flat White, Standard, Advantage, and Premium					
	4' 1200 mm	**USG 1-1/2"** (38 mm)	**DXL424** HRC		Flat White, Standard, Advantage, and Premium					
		CGC 1-1/2"(38 mm)	**DX/DXL424** HRC							
		1-1/2" (38 mm)	**DX422**[5] [9]	Class A	Flat White, Standard, Advantage, and Premium					
			DX422HRC[5] HRC							
	4' (1200 mm)	**1"** (25 mm)	**DX416**	Class A	Flat White, Standard, Advantage, and Premium					
	4' (1200 mm)	**1-1/2"** (38 mm)	**DX426 HD**	Class A	Flat White, Standard, Advantage, and Premium					
	5' (1500 mm)	**1-1/2"** (38 mm)	**DXL524** HRC		Flat White, Standard, Advantage, and Premium					
	6'	**1-1/2"** (38 mm)	**DX624**	Class A	Flat White, Standard, Advantage, and Premium					
	8'	**1-1/2"** (38 mm)	**DX824**	Class A	Flat White, Standard, Advantage, and Premium					

MOLDING[6,7,8,10]

Wall Angle	Length	Item No.	Color
	10' 3000 mm	**M20SM-2**	Flat White
	**12'** 3600 mm	**M7**	Flat White Standard and Advantage
		M7HRC	
	**10'** 3000 mm	**MS274**[5]	Flat White Custom
	**10'** 3000 mm	**M20**[5]	Flat White Custom
		M20HD/Heavy Duty	
		M20SM/Seismic	

Shadowline[10]

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.

Firecode®

PHYSICAL DATA/ FOOTNOTES

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
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 lb./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. Upcharges apply to Standard and Advantage colors.
5. Non-fire-rated only.
6. Non-fire-rated applications may mix USG DX® and DXL™ parts.
7. Panels must be specified to be field-cut and field-revealed and to provide widest possible lay-on edge.
8. For USG DXL™, channel moldings are also acceptable in some designs. Check *UL Fire Resistance Directory* for molding options.
9. Brass and chrome available on limited items.
10. Metric sizes listed are available with standard lead times. Other metric sizes available by RTQ.

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

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