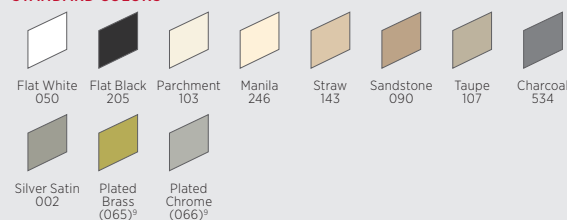# USG DONN® BRAND DX®/DXL™ ACOUSTICAL SUSPENSION SYSTEM
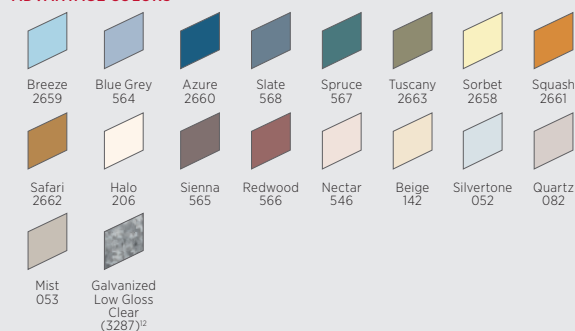
USG Donn® Brand DX®/DXL™ Acoustical Suspension System/ USG Eclipse™ Acoustical Panels

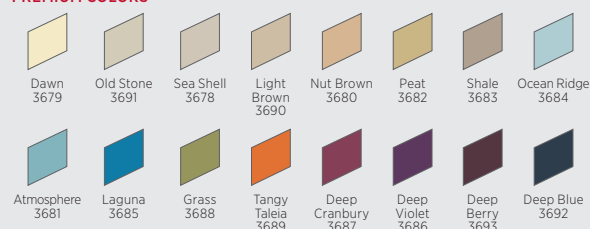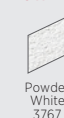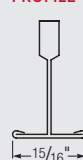## TO ORDER SAMPLES, GO TO USG.COM OR CGCINC.COM

STANDARD COLORS[4]

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

Silver Satin 002 | Plated Brass (065)[9] | Plated Chrome (066)[9]

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 | Galvanized Low Gloss Clear (3287)[12]

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

← 15/16" →

EDGE DETAIL

SQ | SLT | SL
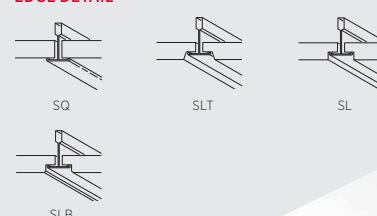
SLB

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).
- USG Donn® Brand DX™/DXL™ Acoustical Suspension System is part of the Ecoblueprint™ portfolio — meeting today's sustainability standards. For sustainability documentation go to USG.com or CGCInc.com.

APPLICATIONS

- Fire-rated Interior General-use Areas
- USG Logix™ Integrated System

USG **CGC**

IT'S YOUR WORLD. BUILD IT.™

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

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

HRC HIGH RECYCLED CONTENT

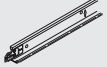**ECOBLUEPRINT**

Declare. Declare® Labels on select finishes, see usg.ecomedes.com for more details and documentation.

15/16" TEE SYSTEM[10]

Main Tee

Cross Tee 1"

Cross Tee 1-1/2"
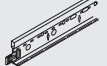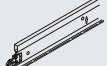
ASTM Class	Length	Height	Item No.	Fire Rating[3]	Color[4,9]	Seismic Design Category[1,13]		Rated Load[2]		
						IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing[8]
Intermediate Duty	12' 3600 mm	USG 1.64" (42 mm)	DX24	Class A	Flat White Standard Advantage	A-C	7/8" Molding ACM7 Clip	12 lb./LF	6.3 lb./LF	3.7 lb./LF
			DXL24							
			DXL24HRC **HRC**							
		CGC 1.5" (38 mm)	DX/DXL24							
Heavy Duty	12' 3600 mm	USG 1.64" (42 mm)	DXL26		Flat White Standard Advantage	A-F	7/8" Molding ACM7 Clip	16 lb./LF	8.4 lb./LF	5 lb./LF
			DXL26HRC **HRC**							
		CGC 1.5" (38 mm)	DXL26HRC **HRC**							
	2' 600 mm	USG 1" (25 mm)	DX216	Class A	Flat White, Standard, Advantage, and Premium					
			DXL216							
			DXL216HRC **HRC**							
		CGC 1" (25 mm)	DX/DXL216							
	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 [11]		Flat White, Standard, Advantage, and Premium					
			DXL424HRC **HRC**							
		CGC 1-1/2" (38 mm)	DX/DXL424							
		1-1/2" (38 mm)	DX422 [5,7,9]	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		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

Wall Angle	Length	Item No.	Color		Wall Angle	Length	Item No.	Color
7/8" / 7/8"	12' 3600 mm	M7 / M7HRC **HRC**	Standard Advantage Premium	Shadowline	9/16" 1/4" 15/16" 1/4"	12' 3600 mm	MS125	Flat White Standard Advantage Premium
7/8" / 1-1/8"	10' 3000 mm	M18	Standard Advantage Premium		7/8" 3/8" 9/16" 3/8"	12' 3600 mm	MS174 / MS174HRC **HRC**	Standard Advantage Premium
2" / 2"	10' 3000 mm	M20SM-2	Standard Advantage Premium		7/8" 9/32" 1 1/4" 3/4"	10' 3000 mm	MS274 [5]	
1" / 2"	10' 3000 mm	M20 [5] / M20SM/Seismic	Standard Advantage Premium					

Low Emissions (VOC)
CDPH 01350 v1.2-2017 compliance on select finishes, see usg.ecomedes.com for more details and documentation.

HRC High Recycled Content
USG classifies High Recycled Content as greater than 50%. Total recycled content is based on product composition of pre-consumer (post-industrial) and post-consumer 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, cgcdesignstudio.com
usg.ecomedes.com

ICC Evaluation Report for Code Compliance
See ICC-ES Evaluation Report ESR-1222 for allowable values and conditions of use in seismic design categories A through F. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

ASTM Load Compliance
Classified as Light, Intermediate or Heavy Duty per ASTM C635 when tested and evaluated in accordance with ASTM E3090 and AC368.

Notes
1. All USG main tees, cross tees and main tee-hanger wire connections meet AC 368 and ASTM E580 requirements for tension and compression strength, as tested per ASTM E3090.
2. Rated Load expressed in lb./LF based on simple span tests in accordance with ASTM E3090 with deflection limit of L/360. Duty rating is assigned based on rated load per ASTM C635.
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.
11. Non-Fire Rated DX424 offered for West Coast customers only.
12. Galvanized Low Gloss Clear is available in USG Donn® Brand DX® / USG Donn® Brand DXL™ Acoustical Suspension System only.
13. Seismically tested and evaluated in accordance with ASTM E3118 and AC156.

USG ◰ **CGC**