# DX<sup>®</sup>/DXL<sup>™</sup>



HRC

**High Recycled Content** 

10

Year Availability



DONN DX/DXL Suspension System/ ECLIPSE Panels with CLIMAPLUS Performance

### **LEED Credits**

Recycled Content: up to 58%

Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
•	•	•				

## **Features and Benefits**

- 15/16" exposed tee system. Components for use in general and fire-rated applications.
- Maximum economy and design simplicity.
- DXL system features more than 80 UL designs (up to 3 hours).
- Cross-tee override ends resist twisting and give a professionally finished look.
- Meets or exceeds all national code requirements, including seismic.

Standard Colors

- Patented QUICK-RELEASE<sup>™</sup> cross tees.

Squash 2662 Safari 2662

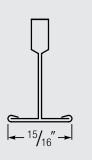
- High recycled content (HRC) available.

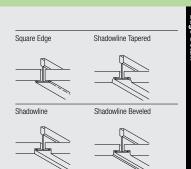
- Custom color available.

- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222).

#### Applications

- Fire-rated, interior general use areas





Pedestals





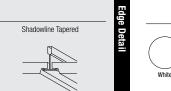
Redwood 566 Sienna 565

Halo 206

Mist 053

Nectar 546

Quartz 082



# DX°/DXL<sup>®</sup>

Web Sites: usg.com usgdesignstudio.com sustainableceilings.com seismicceilings.com

Technical Service usg4you.com Samples/Literature usg.com Customer Service 800 950.3839

See usg.com for the most up-to-date product information.

	ASTM Class	Length	Heiaht	Item No.	Class <sup>₄</sup>	Color⁵	Post	Total DC		100				0/11	
				nem no.	61855	COIDI	Consumer RC	Total RC	UBC	IBC	Categories E E, F Alternat Method		5' Hanger Spacing	6' Hanger Spacing <sup>8</sup>	
s load 1s per					0		HRC	HRC							
Main Tee	Intermediate Duty	12′	1.64″	DX/ DXL24 <sup>7,8</sup>	0	Flat White Standard Advantage	16-39%	5.00/	0-4	A-F	7/8" Moldin ACM7 Clip	g 12 lbs./LF	6.1 lbs./LF	3.6 lbs./L	
	Heavy Duty	12′	1-1/2″	DXL24 HRC <sup>7,8</sup>		Flat White		58%	0-4	Δ-F	7/8″ Moldin	a 16 lbs /l F	7 3 lhs /l F	4.9 lbs./l	
	Thousy buty			DXL26 <sup>7,8</sup>	0			58%	0 1		ACM7 Clip	g 10 150.7 El	1.0 100.7 21	1.0 100.7 E	
				DXL26 HRC7,8				00 /0				_			
Cross Tee 1″		2′	1″	DXL216 <sup>8</sup>	0	Flat White Standard Advantage			0-4	A-F	7/8" Moldin ACM7 Clip	g			
				DXL216HRC <sup>®</sup>				32%				_			
Cross Tee I-1/2″		4′	1-1/2″	DX/ DXL424 <sup>®</sup>	0	Flat White Standard Advantage	16-20%		0-4	A-F	7/8" Moldin ACM7 Clip	g			
				DX/ DXL424HRC®			51%	58%							
				DX422 <sup>9</sup> DX422HRC <sup>9</sup>	Class A	Flat White Standard Advantage	24-25% 26%	33%	0-4	A-F	7/8" Moldin ACM7 Clip	g			
		5′	1-1/2″	DX/ DXL524 <sup>8</sup>	Ø	Flat White Standard	17-39%		0-4	A-F	7/8" Moldin ACM7 Clip	g			
			s for IBC	seismic design o			ju	risdiction a	uthorit	ý.			Post Consumer R	Total R	
		2"		M20SN	1-2	Flat White		7/8		2′		Standard			
	2"-						د_ اح	- 7/8"			M7 HRC <sup>8</sup>	Ũ	53%	61%	
	Shadowline11	¶ ⊺	10	2" shelf	5 for	Flat White Custom			1 †		M20⁵ M20HD	Flat White			
	r	<u></u>					<u>م</u> ے 2				Duty M20SM Seismic				
Physical Data/ Footnotes - elemic: 271370. Sample flat white 215673. Sample main tee: 206563. Sample flat black: 205100. Material Double-web G30 hot-dipped galvani steel body: steel cap finished with for step protective coating. Recycled content For details, see LED report generatu www.usgdesignstudio.com. Installation Must be installed in compliance with ASTM C636, ASTM E580, CISCA or standard industry practices, within al			rated, high-humidity applications: use h all-aluminum AX" or ZXLA" painted HDG suspension systems with aluminum cap. Panels in exposed grids in fire-rated, high-humidity applications: use ZXLA suspension systems. For all exterior applications, suspension should be reviewed by a structural engineer. ICC Evaluation Service, Inc., Report Compliance Suspension systems manufactured by USG Interiors, Inc., have been reviewed and are approved by listing in ICC-ESR-1222. Evaluation Reports are subject to reexamination, revision and			have been reviewed and are approved by listing in one or more of the following LA. Research Report numbers: 22179, 23451, 24095, 25764. The City of New York BSA and MEA Report Compliance Down suspension systems have been approved by listing in one or more of Standards and Appeals, and Department of Building, Material and Equipment BSA 618-60-SM, BSA 184-77-SM, BSA Imfa 133-95-M, MEA 312-99-M, following Cash-Marka 2000, 40				ver 48" s Intermed pries. ent on loc epresent: KL main- s meet IE I compre- t data sh ed on sir e with AS 50. ated listir pplies or	I not deflect more pan (or L/360) ir iate Duty or Heav ation; contact ative. C requirements ssion strength. ows uniform load TM C635 deflect rg, labeling and	<ul> <li>available</li> <li>Availab</li> <li>Mariabile</li> <li>Availab</li> <li>Item No. 6</li> <li>colors of 1</li> <li>9. DX cross</li> <li>sizes and</li> <li>Mon-fire-</li> <li>mix DX ar</li> <li>10. For m</li> <li>Perimeter</li> <li>11. Panel</li> <li>be field-c</li> <li>provide w</li> <li>12. For D)</li> <li>also acce</li> </ul>	7. Cross-tee hole punch spacings also available for 20" and 30" modules. 8. Available in metric; add "ME" to them No. Consult Customer Service for colors of metric tees. 9. DX cross tees available in additional sizes and lengths. 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 wides tpossible al-on edge. 12. For DXL, channel moldings are also acceptable in some designs. Check UL: Fire Resistance Directory		
UL Fire Resistand assembly details Limitations	ce Directory for rate	d ref 80 <b>L./</b>	ier to USGD 10 USG.4YC <b>A. Research</b>	esignStudio.com or U for current reports	. fo Sy	TM C635 Standa r Load Compliand stem meets or ex	e ceeds load	5. C Con colo	olor pro sult Cu or and m	ogram fo stomer S netric-tee	ervice for custon colors.	for moldir 13. Brass limited ite	g options. and chrome avail ms. ollows FTC Guidel	able on	
	Main Tee Main Tee Cross Tee 1" Cross Tee 1" Cross Tee 1-1/2" Product literatur Data sheet: AC3 - seismic: 27137 25.6792 fambles Material Double-web G32 Standard industr Install be installee ASTM C636.AS standard industr Install be installee ASTM C636.AS standard industr UL Fire Resistant assembly details	Main Tee       Intermediate Duty         Main Tee       Intermediate Duty         Heavy Duty       Heavy Duty         Cross Tee 1"       Intermediate         Cross Tee       Intermediate         1-1/2"       Intermediate         Wall Angle <sup>12</sup> Intermediate         Product literature & Samples       Material         Data sheet: 271370. Sample flat with 215673. Sample flat with 215673. Sample flat with 1215673. Sample flat with 12156730. Sample flat with 12156730. Sample flat w	Main Tee       Intermediate Duty       12'         Heavy Duty       12'         Heavy Duty       12'         Crosss Tee 1"       2'         Crosss Tee 1"       4'         1-1/2"       4'         Main Tee       4'         From the set of the se	Main Tee       Intermediate Duty       12'       1.64"         Heavy Duty       12'       1-1/2"         Heavy Duty       12'       1-1/2"         Crosss Tee 1"       2'       1"         Crosss Tee 1-1/2"       4'       1-1/2"         Mew Down Seismic Solutio - ICC-ESR-1222.       5'       1-1/2"         Mest Good Seismic Solutio - ICC-ESR-1222.       10'       10'         Main Angle'2       10'       10'       10'         Wall Angle'2       10'       10'       10'         Shadowline'1       10'       10'       10'         Shadowline'1       10'       10'       10'         For details, see LEED report generator at www.usgdesignstucio.com.       Panels in expr reter holys in the cost of son expr supension sy supension sy supersion sy supension sy supersion sy supension sy supension sy supersion sy suportainersy supersion sy supersion sy supersion sy super	Main Tee       Intermediate Duty       12'       1.64''       DX/ DXL24 <sup>7,8</sup> Heavy Duty       12'       1-1/2''       DX/ DXL26 <sup>7,8</sup> Cross Tee 1''       2'       1''       DX/ DXL26 <sup>1</sup> / <sup>3</sup> Cross Tee 1''       2'       1''       DX/ DXL26 <sup>1</sup> / <sup>3</sup> Cross Tee 1''       4'       1-1/2''       DX/ DXL216HRC <sup>9</sup> Cross Tee 1''       4'       1-1/2''       DX/ DXL226HRC <sup>9</sup> Cross Tee 1''       5'       1-1/2''       DX/ DXL226HRC <sup>9</sup> DX/ DXL226HRC <sup>9</sup> DX/ DXL226HRC <sup>9</sup> DX/ DXL226HRC <sup>9</sup> Cross Tee 1''       4'       1-1/2''       DX/ DXL224 <sup>4</sup> DX/ DXL226HRC <sup>9</sup> DX/ DXL224 <sup>4</sup>	Main Tee       Intermediate Duty       12'       1.64"       DX/ DXL24Rc?         Heavy Duty       12'       1-1/2'       DX/ DXL24HRC?       0         Cross Tee 1"       2'       1"       DX/ DXL26HRC?       0         Cross Tee 1"       2'       1"       DX/ DXL26HRC?       0         Cross Tee 1''       2'       1"       DX/ DXL26HRC?       0         Cross Tee 1''       2'       1"       DX/ DXL26HRC?       0         Cross Tee 1''       4'       1-1/2'       DX/ DXL224HC?       0         DX422*       Class A       DX422*       0       0         DX422*       DX42*       0       0       0         Point IIIs requirements for IBC seismic design categories       10'       M20SM-2       1         Image: a categories       10'       MS274*       2" shelf for seismic       1         Image: a categories       10'       MS274*       2" shelf for seismic       1       1       1       1       1 <t< td=""><td>Wain Tee       Intermediate       12'       1.64''       DV/ DVL24'''       Flat White         Heavy Duty       12'       1-1/2''       DV/ DVL26'''       DV/ DVL26'''       Flat White         Cross Tee 1''       2'       1''       DV/ DVL26'''       DV/ DVL26'''       The White         Cross Tee 1''       2'       1''       DV/ DVL216'''       The White         Cross Tee 1''       4'       1-1/2''       DV/ DVL216'''       The White         Cross Tee 1''       4'       1-1/2''       DV/ DVL2216'''       The White         DV/ DVL2216'''       0''       DV/ DVL2216''''       The White         Cross Tee 1''       4'       1-1/2''       DV/ DVL224'''       The White         DV/ DVL224'''       0''       0''       Flat White         Standard       4'       1-1/2''       DV/ DVL224''       The White         DV/ DVL224''       0''       0''       Flat White       Standard         Heav Down Seismic Solutions - ICC-CESN - 1222.       New Down Seismic Solutions - ICC-CESN - 1222.       Flat White       Flat White         DV/ D2''       10''       M20SM-2       Flat White       Flat White         Stadowline ''       10''       M20SM-2       Flat White       LA Rese</td><td>Wain Tee       Intermediate       12'       1.64''       DX/ DXL24 resource       Composition       Flat White       16-39%         Heavy Duty       12'       1-1/2''       DX/ DXL26 HRC**       Image: Composition of the composition of t</td><td>Main Tee       Intermediate       12       1.64"       DV       DV       Event Main Tee         Main Tee       Intermediate       12       1.64"       DV       DV       Flat White       16-39%         Heavy Duty       12       1-1/2"       DV       DV       DV       51%       58%         Cross Tee 1"       2'       1"       DV       DV       DV       51%       58%         Cross Tee 1"       2'       1"       DV       DV       DV       Standard       Advantage       26%       32%         Cross Tee 1"       2'       1'       DV       DV       Standard       Advantage       26%       32%         Cross Tee       4'       1-1/2"       DV       DV       Standard       Advantage       26%       33%         DV 222HEC*       Class A       Flat White       24-25%       Standard       Advantage       26%       33%       16.5%       5%       1.1/2"       DV       DV       DV       26%       33%       16.5%       5%       10.5%       5%       10.4%       DV       25%       16.5%       16.5%       16.5%       5%       16.5%       16.5%       16.5%       16.5%       16.5%       &lt;</td><td>Main Tee         Intermetiate         DV         DV         Main Tee         Intermetiate         O         4           Main Tee         Intermetiate         12         1.64"         DV         DV         DV         Standard         Adventage         51%         59%         0.4           Heavy Duty         12"         1-1/2"         DV         DV         DV         DV         51%         59%         0.4           Cross Tee 1"         2"         1"         DV         DV         DV         DV         DV         Standard         Adventage         26%         0.4           Cross Tee 1"         2"         1"         DV         DV         DV         Standard         Adventage         5%         0.4           DV/DUL26*         Q         Flat White         24-25%         0.4         -4         -4         1-1/2"         DV         DV         Standard         Adventage         5%         0.4           DV2422*         Class A         Flat White         24-25%         0.4         -4         -0.4         -0.4           DV422*         DV12         DV12         DV12         DV12         -0.4         -0.4         -0.4         -0.4         -0.4</td><td>Main Tee         Intermediate         12*         1.64*         DV/ DXL24*         Plat White         16-39%         0         4         A-F           Heavy Duty         12*         1-16*         DXL24*         O         Flat White         23-39%         0         4         A-F           Cross Tee 1*         2*         1*1         DXL26*         O         Flat White         24-25%         0         0.4         A-F           Cross Tee 1*         2*         1*1         DXL26*         O         Flat White         24-25%         0         0.4         A-F           DxL26*HRC*         DXL26*HRC*         O         Flat White         24-25%         0         0.4         A-F           DxL24*HRC*         DXL24*         O         Flat White         16-20%         0.4         A-F           DxL24*HRC*         DXL24*         O         Flat White         16-20%         0.4         A-F           DxL24*HRC*         DXL24*HRC*         O         Flat White         17-39%         0.4         A+F           DxL24*HRC*         DXL24*HRC*         O         Flat White         17-39%         0.4         A+F           DxL24*HRC*         DXL24*HRC*         O         Fl</td><td>Main Tee         Intermediate         12         1.64°         DV         Eu         Bay Main Tee         Use         Use</td></t<> <td>Main Tee       Intermediate       12*       1.6*       DV       DV       Fall White       Course       Course</td> <td>Name Tee         Intermediate         12*         1.64*         DV/ DV/ DV/ DV/ DV/ DV/ DV/ DV/ DV/ DV/</td>	Wain Tee       Intermediate       12'       1.64''       DV/ DVL24'''       Flat White         Heavy Duty       12'       1-1/2''       DV/ DVL26'''       DV/ DVL26'''       Flat White         Cross Tee 1''       2'       1''       DV/ DVL26'''       DV/ DVL26'''       The White         Cross Tee 1''       2'       1''       DV/ DVL216'''       The White         Cross Tee 1''       4'       1-1/2''       DV/ DVL216'''       The White         Cross Tee 1''       4'       1-1/2''       DV/ DVL2216'''       The White         DV/ DVL2216'''       0''       DV/ DVL2216''''       The White         Cross Tee 1''       4'       1-1/2''       DV/ DVL224'''       The White         DV/ DVL224'''       0''       0''       Flat White         Standard       4'       1-1/2''       DV/ DVL224''       The White         DV/ DVL224''       0''       0''       Flat White       Standard         Heav Down Seismic Solutions - ICC-CESN - 1222.       New Down Seismic Solutions - ICC-CESN - 1222.       Flat White       Flat White         DV/ D2''       10''       M20SM-2       Flat White       Flat White         Stadowline ''       10''       M20SM-2       Flat White       LA Rese	Wain Tee       Intermediate       12'       1.64''       DX/ DXL24 resource       Composition       Flat White       16-39%         Heavy Duty       12'       1-1/2''       DX/ DXL26 HRC**       Image: Composition of the composition of t	Main Tee       Intermediate       12       1.64"       DV       DV       Event Main Tee         Main Tee       Intermediate       12       1.64"       DV       DV       Flat White       16-39%         Heavy Duty       12       1-1/2"       DV       DV       DV       51%       58%         Cross Tee 1"       2'       1"       DV       DV       DV       51%       58%         Cross Tee 1"       2'       1"       DV       DV       DV       Standard       Advantage       26%       32%         Cross Tee 1"       2'       1'       DV       DV       Standard       Advantage       26%       32%         Cross Tee       4'       1-1/2"       DV       DV       Standard       Advantage       26%       33%         DV 222HEC*       Class A       Flat White       24-25%       Standard       Advantage       26%       33%       16.5%       5%       1.1/2"       DV       DV       DV       26%       33%       16.5%       5%       10.5%       5%       10.4%       DV       25%       16.5%       16.5%       16.5%       5%       16.5%       16.5%       16.5%       16.5%       16.5%       <	Main Tee         Intermetiate         DV         DV         Main Tee         Intermetiate         O         4           Main Tee         Intermetiate         12         1.64"         DV         DV         DV         Standard         Adventage         51%         59%         0.4           Heavy Duty         12"         1-1/2"         DV         DV         DV         DV         51%         59%         0.4           Cross Tee 1"         2"         1"         DV         DV         DV         DV         DV         Standard         Adventage         26%         0.4           Cross Tee 1"         2"         1"         DV         DV         DV         Standard         Adventage         5%         0.4           DV/DUL26*         Q         Flat White         24-25%         0.4         -4         -4         1-1/2"         DV         DV         Standard         Adventage         5%         0.4           DV2422*         Class A         Flat White         24-25%         0.4         -4         -0.4         -0.4           DV422*         DV12         DV12         DV12         DV12         -0.4         -0.4         -0.4         -0.4         -0.4	Main Tee         Intermediate         12*         1.64*         DV/ DXL24*         Plat White         16-39%         0         4         A-F           Heavy Duty         12*         1-16*         DXL24*         O         Flat White         23-39%         0         4         A-F           Cross Tee 1*         2*         1*1         DXL26*         O         Flat White         24-25%         0         0.4         A-F           Cross Tee 1*         2*         1*1         DXL26*         O         Flat White         24-25%         0         0.4         A-F           DxL26*HRC*         DXL26*HRC*         O         Flat White         24-25%         0         0.4         A-F           DxL24*HRC*         DXL24*         O         Flat White         16-20%         0.4         A-F           DxL24*HRC*         DXL24*         O         Flat White         16-20%         0.4         A-F           DxL24*HRC*         DXL24*HRC*         O         Flat White         17-39%         0.4         A+F           DxL24*HRC*         DXL24*HRC*         O         Flat White         17-39%         0.4         A+F           DxL24*HRC*         DXL24*HRC*         O         Fl	Main Tee         Intermediate         12         1.64°         DV         Eu         Bay Main Tee         Use         Use	Main Tee       Intermediate       12*       1.6*       DV       DV       Fall White       Course       Course	Name Tee         Intermediate         12*         1.64*         DV/ DV/ DV/ DV/ DV/ DV/ DV/ DV/ DV/ DV/	