

DX®/DXL™ Concealed



DOWN DX/DXL Concealed Suspension/
RADAR Panels

LEED Credits

Recycled Content: up to 48%

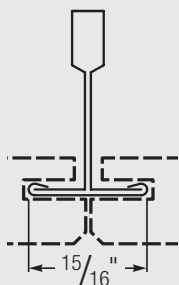
MR				EQ		
Waste Reduction	Recycled Content	Regional Materials	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●				

Features and Benefits

- Supporting grid is completely concealed, providing a monolithic, uninterrupted ceiling plane with up to 50% access to the plenum.
- Meets or exceeds all national code requirements, including seismic and fire-rated assemblies up to 3 hours. Design flexibility helps meet life safety codes.
- G30 hot-dipped galvanized steel body inhibits red rust.
- UL fire rated assemblies available.
- ICC-ES evaluated approach to seismic design installations (ICC-ESR-1222).

Applications

- Interior general-use areas
- Fire-rated, interior general-use areas
- Retail stores



Profile



Edge Detail



DX[®]/DXL[™] Concealed

To order samples/literature:
 - Web: usg.com
 - E-mail: samplit@usg.com
 - Fax: 847 232.1594
 Technical Services: 800 USG.4YOU

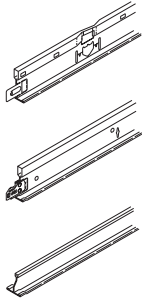
Web Sites: usg.com
usgdesignstudio.com
sustainableceilings.com
seismicceilings.com

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



System meets or exceeds load compliance specifications per ASTM C635

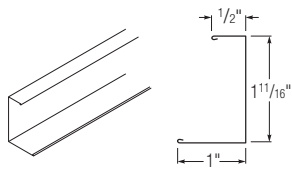
15/16" Tee System



ASTM Class	Length	Height	Item No. ²	Class	Color	Seismic Design Category		Rated Load ¹			
						IBC	ICC-ES Evaluated Installation	4' Hanger Spacing	5' Hanger Spacing	6' Hanger Spacing	
Intermediate Duty	12'	1.64"	DX/DXL24		Flat White	A-C	7/8" Molding ACM7 Clip	12 lbs./LF	6.1 lbs./LF	3.6 lbs./LF	
	Heavy Duty	12'	1-1/2"	DX/DXL26		Flat White	A-F	7/8" Molding ACM7 Clip	16 lbs./LF	7.3 lbs./LF	4.9 lbs./LF
	4'	1-1/2"	DX/DXL424		Flat White						
	4'	1"	DT416	Class A							
			DE416	Class A							

Wall Angle

Molding³



Length	Item No.	Color
10'	US28	Flat White

Physical Data/ Footnotes

Product literature & Samples
 Data sheet: AC3035. Sample: 203537.

Material
 Fire-rated, G30 double-web hot-dipped galvanized steel body and G30 hot-dipped galvanized steel cap finished with four-step protective coating.

Recycled content
 For details, see the LEED report generator at www.usgdesignstudio.com.

Installation
 Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices.

Limitations
 Severe Environmental Requirements: For exposed grids in non-fire-rated, high-humidity applications, use all-aluminum AX[™] or ZXL[™] painted HDG with aluminum cap suspension systems. For exterior applications, suspension should be reviewed by a structural engineer.

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 for current reports.

L.A. Research Report Compliance
 DOWN brand suspension systems manufactured by USG Interiors, LLC, have been reviewed and are approved by listing in one or more of the following L.A. 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 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
 This system meets or exceeds load compliance specifications per ASTM C635. Main tees will not deflect more than 1/8" over a 48" span (or (L/360) in Light Duty, Intermediate Duty or Heavy Duty categories.

Footnotes
 1. Load test data shows uniform load in lbs./LF based on simple span tests in accordance with ASTM C635 deflection limit on L/360.
 2. Some products are available in metric. Call Customer Service for details.
 3. For more information on moldings and complete section detail, see the Perimeter Interface selector.



Manufactured by USG Interiors, LLC
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 Chicago, IL 60661

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

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