

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

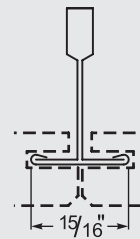
USG Donn® Brand DX®/DXL™  
Concealed Acoustical Suspension  
System/USG Radar™  
Acoustical Panels

TO ORDER SAMPLES, GO TO [USGBORAL.COM](http://USGBORAL.COM)

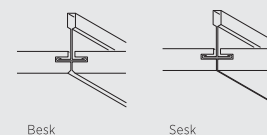


Flat White  
050

#### PROFILE



#### EDGE DETAIL



Besk

Sesk

#### FEATURES AND BENEFITS

- Supporting grid is completely concealed, providing a monolithic, uninterrupted ceiling plane with up to 50% access to the plenum.
- Fire-rated assemblies up to three hours.
- G30 hot-dipped galvanized steel body.
- UL fire-rated assemblies available.

#### APPLICATIONS

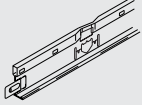
- Interior general-use areas
- Fire-rated interior general-use areas
- Retail stores

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

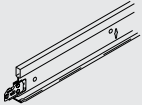


## 15/16" TEE SYSTEM

Main Tee



Cross Tee 1-1/2"



Tee Spline 1"



Access Spline

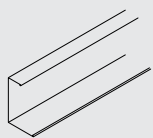
Closing Spline

Flat Spline

Spring Clip

Stabilizer Bar

## MOLDING<sup>3</sup>



## PHYSICAL DATA/ FOOTNOTES

ASTM Class	Length	Height	Item No. <sup>2</sup>	Fire Rating	Color	Seismic Design Category			Rated Load <sup>1</sup>		
						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'	1.64"	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						
	4'	1"	DE416		Class A						
	4'	1"	DEN416		Class A						
	4'	1-1/2"	BPA 424								
	11'	1"	BPC 116								
	23"	1-1/2"	BPC 234								
	11"		E10								
			C8								
	4'		SB48								
Wall Angle	Length	Item No.	Color								
	10'	US28	Flat White								

### Note

Either DE416 or DT416 can be used for the same function of supporting the tile. DE416 is a roll-formed uncapped tee spline with the bulb offset to one side of the profile. It is supported on the ends by an integral tab cut from the web. DT416 is a typical suspension tee profile. It is supported on the ends by an extended offset face that rests on perpendicular tee flanges.



### Product literature and samples

Data sheet: AC3035  
Sample: 203537

### Material

Double-web G30 hot-dipped galvanized steel body and G30 hot-dipped galvanized steel cap.

### Recycled content

For details, see the LEED report tool at usgdesignstudio.com.

### Installation

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and standard industry practices, within all applicable code requirements. Alternative assemblies and installation methods may be utilized when approved by the Authority Having Jurisdiction. USG recommends checking with the Authority Having Jurisdiction prior to designing and installing a suspended ceiling system.

### Limitations

Please refer to USG Donn® Brand AX™ or ZXLA™ for exposed suspension systems in non-fire-rated, high-humidity applications. Interior applications only. Please refer to SC2561 for more information about exterior ceiling applications.

### ICC Evaluation Service, LLC. 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 (874-4968) for current reports.

### L.A. Research Report Compliance

USG Donn® Brand suspension systems manufactured by USG Interiors, LLC have been reviewed and are approved by listing in the following L.A. Research Report number: 25764.

### Code compliance

The information presented is correct to the best of our knowledge at the date of issuance. Because codes continue to evolve, check with a local official prior to designing and installing a ceiling system. Other restrictions and exemptions may apply.

### The City of New York BSA and MEA Report Compliance

USG Donn® Brand 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.

### Notes

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.

### Notice

We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.