

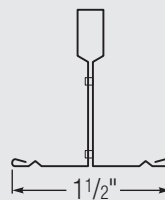
# USG DRYWALL SUSPENSION SYSTEM

## FLAT CEILINGS

USG Drywall Suspension  
System Flat Ceilings

TO ORDER SAMPLES, GO TO [USG.COM](http://USG.COM) OR [CGCINC.COM](http://CGCINC.COM)

### PROFILE



### FEATURES AND BENEFITS

- Installs faster than traditional framing methods.
- More than 60 UL fire-resistive designs.
- Assemblies available to meet STC and IIC requirements.
- Easily frames openings for Type F and Type G light fixtures.
- Evaluated for building code compliance according to ICC ESR-4358.
- G90 galvanization available for a variety of environmental conditions including exterior ceiling systems.
- Wind load tested and approved, including Miami-Dade NOA, for exterior applications with proper bracing and framing.

### APPLICATIONS

- Exterior Ceilings
- Fire-Rated and Non-fire-rated Interior Gypsum Board Ceilings

# USG DRYWALL SUSPENSION SYSTEM

## FLAT CEILINGS

ORDER SAMPLES/LITERATURE  
USG: usg.com or samplitt@usg.com  
CGC: contact Sales Representative

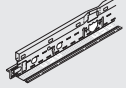
TECHNICAL SERVICES  
800.USG.4YOU (874-4968)

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

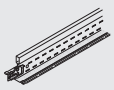
30 YEAR LIMITED SYSTEM WARRANTY  
• No Visible Sag  
• Mold/Mildew Protection

### SYSTEM COMPONENTS

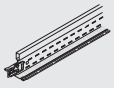
Straight Main Tees



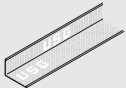
Cross Tees



Spanning Tees<sup>2</sup>



Moldings



Accessories

	ASTM Class	Length	Height	Item No.	Fire Class	IBC Seismic Design <sup>4</sup>	Rated Load <sup>1</sup>					
							Hanger Spacing-lb./LF					
							24"		36"		48"	
						L/240	L/360	L/240	L/360	L/240	L/360	
DGLW	Heavy Duty	12'	1.617"	DGLW26 DGLW26E(G90) <sup>3</sup>		A-F	129	86	57	38	24	16

	ASTM Class	Length	Height	Item No.	Fire Class	IBC Seismic Design <sup>4</sup>	Span L/360 lb./LF	
							Span	Value
DGLW	—	2'	1-1/2"	DGLW224 DGLW224E (G90) <sup>3</sup>		A-F	24"	99.9
	—	26"	1-1/2"	DGLW2624		A-F	26"	93.1
	—	4'	1-1/2"	DGLW424		A-F	48"	15.9
	—	50"	1-1/2"	DGLW50			50"	14.1
	—	72"	1-1/2"	DGLW624			72"	4.7
DGW	—	5' 6' 7' 8'	1.617"	DGW-6026DM DGW-7226DM DGW-8426DM DGW-9626DM	Class A	A-F	60" 72" 84" 96"	
	—	12'	—	DGWM24 DGWM24E <sup>3</sup>	—	A-F	—	—
	—	12'	—	DGCM27E <sup>3</sup>	—	A-F	—	—
	—	12'	—	DGLC-12	—	A-F	—	—

DGSC180 Splice Clip*	DGTC90 Transition Clip	DGC4, DGC6, DGC8 USG Compasso™ Drywall Clip	DGWC Wall Attachment Clip	CMAC-1 Close Mount Attachment Clip

\* See AC3152 for alternative splice details

### Firecode®

### PHYSICAL DATA

#### Product literature and samples

Drywall suspension systems guide: AC3152  
Data sheet wall-to-wall: AC3230  
Samples: 257202  
Direct mount install guide: AC5420

#### Material

Min. G40 hot-dipped galvanized steel.  
G90 hot-dipped galvanized steel available for select items.

#### Online tools

usgdesignstudio.com, cgcdesignstudio.com or usg.ecomedes.com

#### Installation

Install according to ASTM C636, ASTM E580, ASTM C754 CISCA and USG requirements. Alternate installation methods may be used when approved by the authority having jurisdiction.

#### Limitations

For exterior applications, the suspension system should be reviewed by a structural engineer. Please refer to SC2561 for more information about exterior ceiling applications.

#### ICC Evaluation Services, LLC. Report Compliance

For areas under ICC jurisdiction, see ICC-ES Evaluation Report ESR-4358 for allowable values and conditions of use. Reports are subject to reexamination, revision and possible cancellation. Refer to usg.com for most current version.

#### Notes

- All USG main tees, cross tees and main tee-hanger wire connections meet ASTM E580 requirements for tension and compression strength, as tested per ASTM C1925.
- Spanning tees for Direct Mount System manufacturing with cross tee connection clip at one end and flush-end at other. See *Direct Mount System Installation Guide* AC5420.
- Products with 'E' in name are made of G90 HDG steel.
- Non-exempt per IBC systems are seismically tested in accordance with ASTM E3118.

#### 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.

