

# USG DRYWALL SUSPENSION SYSTEM

FLAT CEILINGS

Project: Liberty Fund

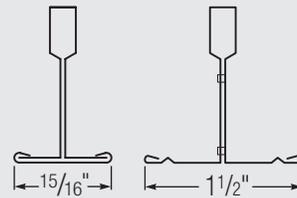
for use with: Goodrich Room Oval Ceiling



USG Drywall Suspension  
System/USG Sheetrock®  
Brand Gypsum Panels

TO ORDER SAMPLES, GO TO [USG.COM](http://USG.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.
- Assembly selector with downloadable Revit® files available at [usgdesignstudio.com](http://usgdesignstudio.com).
- Evaluated for building code compliance according to ICC ESR-1222.
- Manufactured in accordance with ASTM C635 and meets ASTM C645.<sup>6</sup>
- G90 galvanization available for severe environmental conditions.

#### APPLICATIONS

- Exterior soffits
- Fire-rated and non fire-rated interior gypsum board ceilings

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## FLAT CEILINGS

ORDER SAMPLES/LITERATURE  
usg.com | sampkit@usg.com  
fax: 888 874-2348

SEE LEED REPORT TOOL  
for detailed sustainability  
information, as well as the  
**MOST UP-TO-DATE**

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

TECHNICAL INFORMATION,  
at usgdesignstudio.com



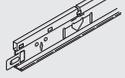
System meets or  
exceeds load compliance  
specifications per  
ASTM C635



HIGH RECYCLED  
CONTENT

### SYSTEM COMPONENTS

Straight Main Tees



Wall-to-Wall System  
Straight Tee\*\*



Cross Tees



Moldings



Accessories

	ASTM Class	Length	Height	Item No.	Fire Rating	Recycled Content	ICC-ES Evaluated Installation Rated Load <sup>1,2</sup>						
							IBC	Hanger Spacing—lbs./LF					
								24"	36"	48"			
L/240 <sup>1</sup>	L/360 <sup>2</sup>	L/240 <sup>1</sup>	L/360 <sup>2</sup>	L/240 <sup>1</sup>	L/360 <sup>2</sup>								
DGL	Heavy Duty	12'	1-1/2"	DGL26		up to 54% 	A-F	129	86	57	38	24	16
DGLW	Heavy Duty	12'	1.617"	DGLW26 <sup>6</sup> DGLW26E(G90) <sup>6</sup>		up to 54% 	A-F	129	86	57	38	24	16
DGW	Heavy Duty	6' to 14'	1.617"	DGW26 <sup>6</sup>	Class A	up to 54% 	A-F	129	86	62	41	30	20

Span L/360 lbs./LF

	ASTM Class	Length	Height	Item No.	Fire Rating	Recycled Content	IBC	Span L/360 lbs./LF	
								Span	Value
DGL	—	2'	1-1/2"	DGL224		up to 46%	A-F	24"	81.3
DGL	—	4'	1-1/2"	DGL424		up to 45%	A-F	48"	13
DGLW	—	2'	1-1/2"	DGLW224 <sup>6</sup>		up to 45%	A-F	24"	73.2
DGLW	—	26"	1-1/2"	DGLW2624 <sup>6</sup>		up to 45%	A-F	26"	57
DGLW	—	4'	1-1/2"	DGLW424 <sup>6</sup> DGLW424E (G90) <sup>6</sup>		up to 45%	A-F	48"	12.1
DGLW	—	50"	1-1/2"	DGLW50 <sup>6</sup>		up to 45%	A-F	50"	11
DGLW	—	72"	1-1/2"	DGLW624	Class A	up to 45%	A-F	72"	4.45
DGWM	—	12'	—	DGWM24 <sup>6</sup>	—	up to 65% 	A-F	—	—
DGCM	—	12'	—	DGCM27 <sup>6</sup>	—	up to 65% 	A-F	—	—

Accessories	Accessories	Accessories	Accessories	Accessories
DGSC180 Splice Clip*	DGTC190 Transition Clip	DGC4, DGC6, DGC8 USG Compasso™ Drywall Clip	DGWC Wall Attachment Clip	DGSP180 Splice Plate

\* See AC3152 for alternative splice details \*\* See AC3230 for expanded wall-to-wall data

### High Recycled Content

Classified as containing greater than 50% total recycled content. Total recycled content is based on product composition of postconsumer and preconsumer (postindustrial) recycled content per FTC guidelines.



### PHYSICAL DATA/ FOOTNOTES

#### Product Literature and Samples

System brochure: AC3152  
Data sheet: AC3117  
Data sheet wall-to-wall: AC3230  
Samples: 257202

#### Finishes

Hot-dipped and galvanized.

#### Material

G40 double-web tee, hot-dipped galvanized steel.

#### Recycled Content

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

#### Installation

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

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

#### 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.

#### Notes

- Load data shown based on L/240 deflection limits per ASTM C645
- Products tested and in compliance with ASTM C635 L/360 deflection limits.
- For detailing and module loading, request AC3152 or visit usgdesignstudio.com.
- DGLW26 main tees and DGLW2624 and DGLW50 cross tees feature special punching and cross-tee lengths to accommodate Type F fixtures.
- G90 galvanization for severe environmental conditions.
- Conform to performance standard ASTM C645.
- Installation per ASTM C636.
- ICC evaluation report ESR-1222.
- CA Department of State Architect—see ESR-1222 per IR-A5 and PA 118.
- City of LA—RR 25764.

#### Notice

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