

USG DRYWALL SUSPENSION SYSTEM

FLAT CEILINGS

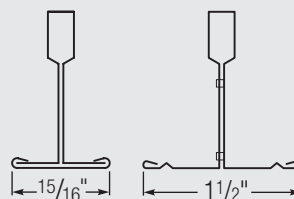
Project: Liberty Fund

for use with: Goodrich Room Oval Ceiling

USG Drywall Suspension
System/USG Sheetrock®
Brand Gypsum Panels

TO ORDER SAMPLES, GO TO [USG.COM](https://www.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](https://www.usgdesignstudio.com).
- Evaluated for building code compliance according to ICC ESR-1222.
- Manufactured in accordance with ASTM C635 and meets ASTM C645.⁶
- G90 galvanization available for severe environmental conditions.

APPLICATIONS

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

USG DRYWALL SUSPENSION SYSTEM

FLAT CEILINGS

ORDER SAMPLES/LITERATURE
usg.com | sampleit@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



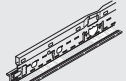
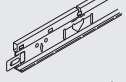
System meets or
exceeds load compliance
specifications per
ASTM C635



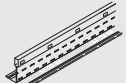
HIGH RECYCLED
CONTENT

SYSTEM COMPONENTS

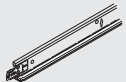
Straight Main Tees



Wall-to-Wall System
Straight Tee**



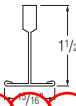




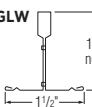



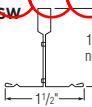


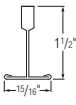

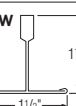

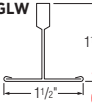



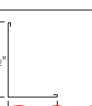



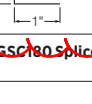










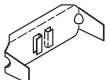
Cross Tees



Moldings



Accessories

							ICC-ES Evaluated Installation Rated Load ^{1,2}								
	ASTM Class	Length	Height	Item No.	Fire Rating	Recycled Content	IBC	Hanger Spacing—lbs./LF							
								24"		36"		48"			
								L/240 ¹	L/360 ²	L/240 ¹	L/360 ²	L/240 ¹	L/360 ²		
 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 ⁶ DGLW26E(G90) ⁶		 up to 54% 	A-F	129	86	57	38	24	16		
 DGLW	Heavy Duty	6' to 14'	1.617"	DGLW26 ⁶	Class A	 up to 54% 	A-F	129	86	62	41	30	20		
														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 ⁶		up to 45%	A-F	24"		73.2					
 DGLW	—	26"	1-1/2"	DGLW2624 ⁶		up to 45%	A-F	26"		57					
 DGLW	—	4'	1-1/2"	DGLW424 ⁶ DGLW424E (G90) ⁶		up to 45%	A-F	48"		12.1					
 DGLW	—	50"	1-1/2"	DGLW50 ⁶		up to 45%	A-F	50"		11					
 DGLW	—	72"	1-1/2"	DGLW624	Class A	up to 45%	A-F	72"		4.45					
 DGWM24 ⁶		12'	—	DGWM24 ⁶	—	 up to 65% 	A-F	—		—					
 DGCM27 ⁶		12'	—	DGCM27 ⁶	—	 up to 65% 	A-F	—		—					
DGSC180 Splice Clip		DGTC180 Transition Clip		DGCA, DGCC, DGCB, 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.

Firecode®

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

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.

AC3117/rev. 12-15

© 2015 USG Corporation and/or its affiliates. All rights reserved. Printed in U.S.A.

Manufactured by
USG Interiors, LLC
550 West Adams Street
Chicago, IL 60661

The trademarks USG, COMPASSO, DONN, FIRECODE, SHEETROCK, IT'S YOUR WORLD. BUILD IT., the USG logo, the design elements and colors, and related marks are trademarks of USG Corporation or its affiliates.

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

