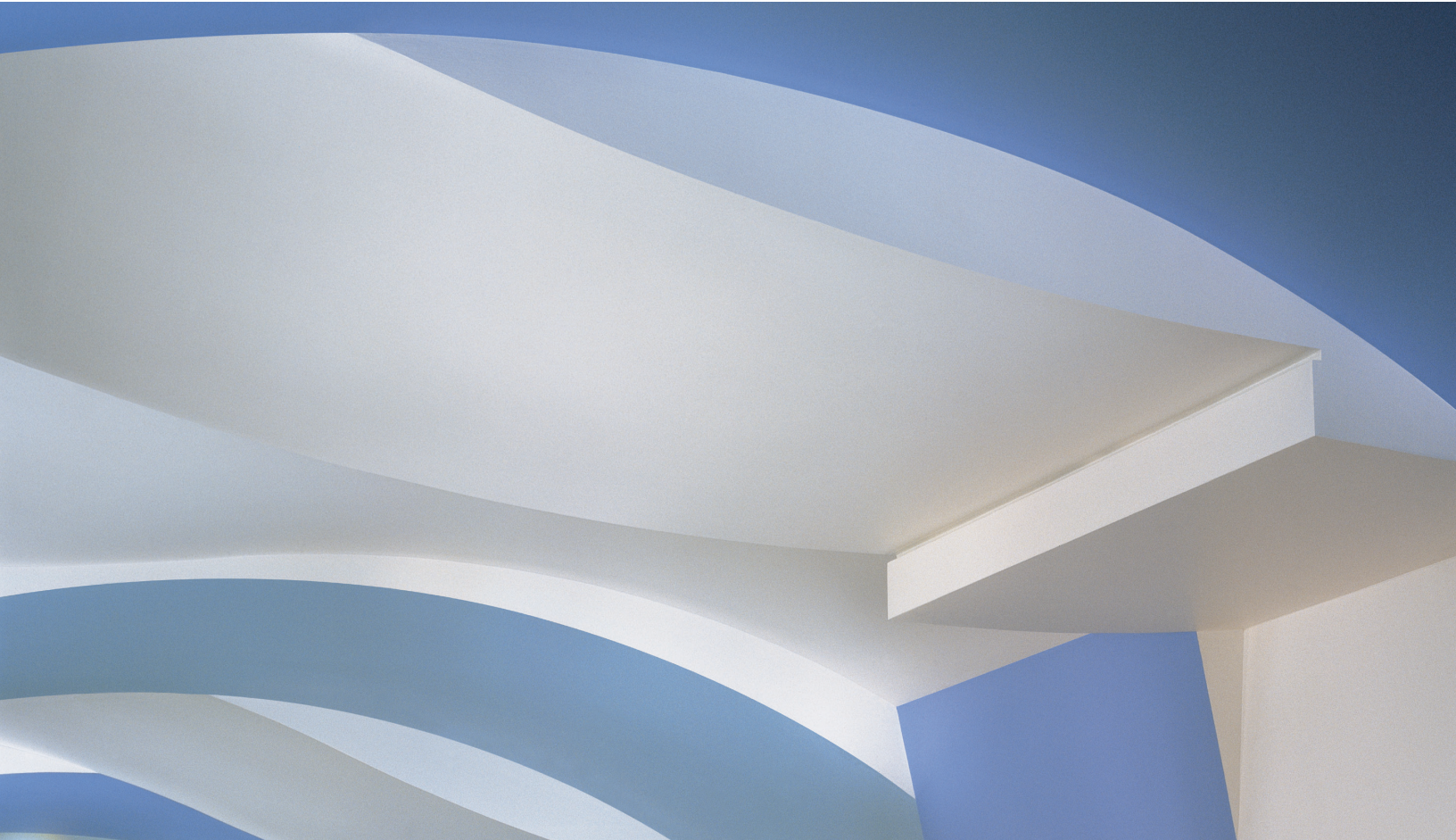


# USG™ Drywall Suspension System – Curved Ceilings



USG Drywall Suspension System/  
SHEETROCK Gypsum Panels

#### LEED Credits

Recycled Content: 25%

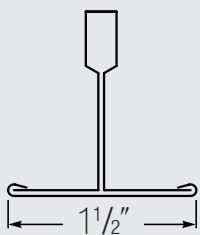
MR				EQ		
Waste Reduction	Recycled Content	Regional Materials <sup>1</sup>	Rapidly Renewable Materials	Low-Emitting Materials	Daylight and Views	Acoustical Performance
●	●	●				

#### Features and Benefits

- Drywall suspension system simplifies the design and construction of curved drywall ceilings.
- Pre-engineered curves ensure correct installation.
- Custom components allow easy changes in ceiling elevations and transitions between ceiling types.
- Hot-dipped galvanized system suitable for interior and exterior applications.

#### Applications

- General-use areas
- Domes, round and elliptical
- Groin vaults
- Curved soffits



Profile

# USG™ Drywall Suspension System – Curved Ceilings

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

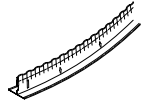
Technical Service 800 USG.4YOU  
Samples/Literature 888 874.2450  
Samples/Literature Fax 888 874.2348  
Customer Service 800 950.3839

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



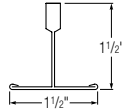
System meets or exceeds load compliance specifications per ASTM C635

## System Components

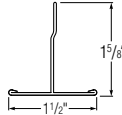


## Curved Main Tees

### Vault



### Valley



ASTM Class per C635	Radius	Arc Length	Height	Item No. <sup>3</sup>	Class	Rated Load <sup>2</sup>	
						2' Hanger Spacing	4' Hanger Spacing
16 lbs. <sup>4</sup>	31"-44"	6'	1-1/2"	DGW6VTxxx	Class A		16.0 lbs./LF
16 lbs. <sup>4</sup>	45"-60"	8'	1-1/2"	DGW8VTxxx			
16 lbs. <sup>4</sup>	61"-72"	10'	1-1/2"	DGW10VTxxx			
16 lbs. <sup>4</sup>	73"-91"	10'	1-1/2"	DGW10VTxxx			
16 lbs. <sup>4</sup>	92"-239"	10'	1-1/2"	DGW10VTxxx			
16 lbs. <sup>4</sup>	240"+	12'	1-1/2"	DGW12VTxxx			
16 lbs. <sup>4,5</sup>	31"-44"	6'	1-5/8"	DGW6VYxxx	Class A	16.0 lbs./LF	
16 lbs. <sup>4,5</sup>	45"-60"	8'	1-5/8"	DGW8VYxxx			
16 lbs. <sup>4,5</sup>	61"-72"	10'	1-5/8"	DGW10VYxxx			
16 lbs. <sup>4,5</sup>	73"-91"	10'	1-5/8"	DGW10VYxxx			
16 lbs. <sup>4,5</sup>	92"-239"	10'	1-5/8"	DGW10VYxxx			
16 lbs. <sup>4,5</sup>	240"+	12'	1-5/8"	DGW10VYxxx			

## Cross Tees

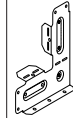
See Flat Ceilings (AC3117) for information on straight cross tees, cross channel, and moldings.

## Accessories

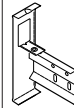
### DGSC180 Splice Clip



### DGTC90 Transition Clip



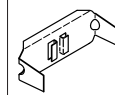
### DGC4, DGC6, DGC8 COMPASSO™ Drywall Clip



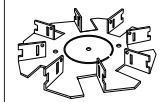
### DGWC Wall Attachment Clip



### DGSP180 Splice Plate

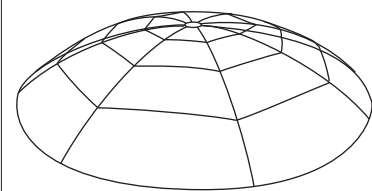


### DGHUB Dome Hub

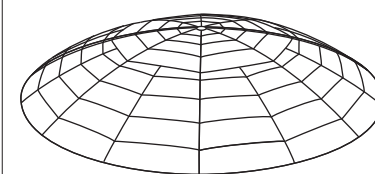


## Typical Assemblies

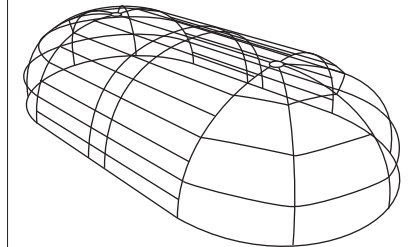
### 8-Spoke Dome



### 16-Spoke Dome



### Dome Vault



## Design Support

### USG DesignStudio.com:

- Online design and specification tools
- Installation videos
- Domes and barrel vault estimator. Additional support available through USG Ceilings Solution Group for design and estimation of non-typical applications.

## Physical Data/ Footnotes

### Product literature

System brochure: AC3152  
Data sheet: AC3118

### Finishes

Galvanized.

### Material

Double-web tee, hot-dipped galvanized steel.

### Recycled content

For details, see RC tables or the LEED report generator at [www.usgdesignstudio.com](http://www.usgdesignstudio.com).

### Installation

Must be installed in compliance with ASTM C636, C15CA, and standard industry practices.

### Limitations

Severe Environmental Requirements. For exterior applications, suspension systems should be reviewed by an engineer.

### Footnotes

1. Dependent on location; contact your USG representative.
2. For detailing and module loading, request AC3152.
3. "xxx" is a placeholder for a custom radius, in inches.
4. As tested per independent testing agency, both vault and valley main tees can carry 16 pounds per lineal foot.
5. As tested per independent testing agency, valleys require hanger wire spacing of 2' o.c.
6. Members conform to performance standard C645.



Manufactured by USG Interiors, Inc.  
550 West Adams Street  
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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