USG™ Drywall Suspension System – 6 ft Cross Tees

Features and Benefits

- 6' OC main tee spacing means reduced material costs and up to 30% fewer hanger wires for faster installation.
- Supports a single layer of 5/8" SHEETROCK Firecode C Core with hanger wires at 48" OC. (Heavier ceiling loads are possible, see load table below.)
- Knurled surface reduces screw sidespin.
- Cross tee punchings easily accommodate type F light fixtures.
- Meets or exceeds ASTM C645.
- UL listed in 36 fire rated designs, many with light fixtures and duct openings.
- Fire rated designs up to 2-1/2 hours with one layer of Sheetrock Firecode C panels.

Applications

- Fire rated and non-fire rated ceilings
- Reduces field cutting in rooms that are multiples of 3' wide. (widths of 12', 15', 18', etc)
- Corridors
- Offices
- Hospitals
- Schools
- Hospitality

See LEED report tool at usgdesignstudio.com for detailed sustainability information.

To order samples, go to usg.com

DGLW624 cross tees for 6' OC main tee layout. Compatible with all other USG Drywall Suspension System Components.
For fire rated construction, all butt joints must be back blocked with a strip of 5/8" Sheetrock Firecode C Butt Joint Plain View

<table>
<thead>
<tr>
<th>System Components</th>
<th>Cross Tees</th>
<th>DGLW624</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>72&quot;</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>Height</td>
<td>1-1/2&quot;</td>
<td>Class A</td>
</tr>
<tr>
<td>Item No.</td>
<td>DGLW624</td>
<td>up to 45%</td>
</tr>
<tr>
<td>Class</td>
<td></td>
<td>72&quot;</td>
</tr>
<tr>
<td>Simple Span Load Data, L/360 (lbs/LF)*</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Span</td>
<td>Value</td>
<td></td>
</tr>
<tr>
<td>24&quot;</td>
<td>3.4</td>
<td></td>
</tr>
<tr>
<td>16&quot;</td>
<td>5.1</td>
<td></td>
</tr>
</tbody>
</table>

USG™ Drywall Suspension System – 6 ft Cross Tees

System meets or exceeds load compliance specifications per ASTM C635

Construction Group

Concrete and Steel Floor Joists
D501, D502, D503, D505

Concrete and Steel Joists
G523, G524, G525, G526, G527, G528, G529, G531, G541, G555, G590

Wood Joists or Combination Wood and Steel Assemblies
L502, L508, L513, L515, L521, L525, L526, L529

Roof - Ceilings
P506, P507, P508, P510, P513, P514, P521, P522, P523, P525, P526, P527, P531

For fire rated construction, all butt joints must be back blocked with a strip of 5/8" Sheetrock Firecode C Butt Joint Detail

UL Fire Rated Designs up to 2-1/2 hours

UL Design Number

Concrete and Steel Floor Joists
D501, D502, D503, D505

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G523, G524, G525, G526, G527, G528, G529, G531, G541, G555, G590

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Roof - Ceilings
P506, P507, P508, P510, P513, P514, P521, P522, P523, P525, P526, P527, P531

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

1. Load data shown based on L/240 deflection limits per ASTM C645.

2. Products tested and in compliance with ASTM C635 L/360 deflection limits.

3. For detailing and module loading, request AC3152 or visit usgdesignstudio.com.

4. DGLW26 main tees and DGLW2624 and DGLW50 cross tees feature special punching and cross-tee lengths to accommodate Type F fixtures.

5. G90 galvanization for severe environmental conditions.

6. DGW and DGLW members conform to performance standard ASTM C645.

7. Installation per ASTM C636.

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.

Physical Data/Footnotes

Product literature
(System brochure: AC3152
Data sheet wall-to-wall: AC3230
Samples: 257202

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

Installation
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Code compliance
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Material
G40 double-web tee, hot-dipped galvanized steel.

Footnotes
UL Fire Rated Designs up to 2-1/2 hours

UL Design Number

Concrete and Steel Floor Joists
D501, D502, D503, D505

Concrete and Steel Joists
G523, G524, G525, G526, G527, G528, G529, G531, G541, G555, G590

Wood Joists or Combination Wood and Steel Assemblies
L502, L508, L513, L515, L521, L525, L526, L529

Roof - Ceilings
P506, P507, P508, P510, P513, P514, P521, P522, P523, P525, P526, P527, P531

Ceiling load values, hanger wires 48" OC, L/240

Max ceiling weight, lbs-sf

System meets or exceeds load compliance specifications per ASTM C635

Cross Tee Spacing
24"  16"

Simple Span Load Data, L/360 (lbs/LF)*

Span Value

3.4  5.1

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4. DGW and DGLW members conform to performance standard ASTM C645.

5. Installation per ASTM C636.

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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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