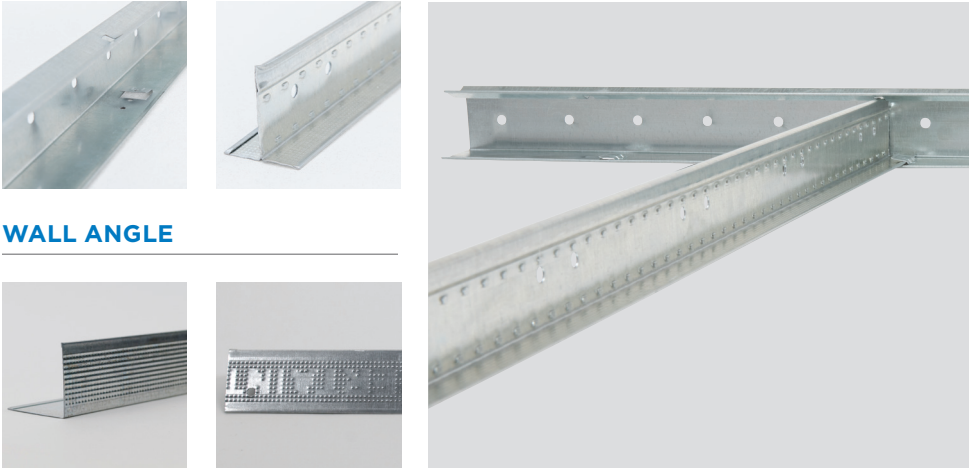
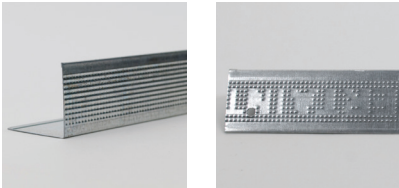


## QUICKSPAN LOCKING CHANNEL AND TEE



### WALL ANGLE



Engineered and designed to be the quickest and easiest way to span flat drywall ceilings in hallway and corridor applications.

## FEATURES AND BENEFITS

### QUICKSPAN TEES

- Eliminates the need for hanger wires for unsupported spans up to 9' with 5/8" drywall and 16" O.C. spacing
- Knurled face for easier screw installation
- Web is double stitched for added strength
- Heavy-duty material for maximum rigidity and screw grip
- G40 galvanization and 0.020" metal thickness

### QUICKSPAN SUPPORT CLIP

- Snap and fasten to carrying tee for support of spans up to 16'
- Allows for wire spacing up to 6'6"

### QUICKSPAN LOCKING CHANNEL

- Pre-engineered locking tabs punched 8" O.C.
- Tees quickly twist into place for fast installation
- Locking tab prevents lateral and upward movement
- No need for screws, pop rivets, or crimpers
- Carpenters' marks at locking tabs for quick alignment

### ALL QUICKSPAN ELEMENTS

- 10-year limited warranty
- Tested performance data available in ICC ESR-3941

## CERTIFICATIONS & PRODUCT DECLARATIONS

**Declare™**  
Living Building Challenge Red List Free®  
Declare™ is a service mark of The International Living Future Institute.

## QUICKSPAN SUPPORT CLIP



## LEED® v4

| RECYCLED CONTENT               |          |           |
|--------------------------------|----------|-----------|
| SPANNING TEES                  | 87%      |           |
|                                | PRE: 19% | POST: 68% |
| LOCKING CHANNEL & SUPPORT CLIP | 87%      |           |
|                                | PRE: 19% | POST: 68% |
| WALL ANGLE                     | 88%      |           |
|                                | PRE: 19% | POST: 69% |

- ✓ MR: PBT Source Reduction (Healthcare)
- ✓ MR: Material Ingredients (HPDs)
- ✓ MR: Sourcing Raw Materials
- ✓ MR: Construction and Demolition Waste Management Planning

LEED® is a registered trademark of the U.S. Green Building Council.

# QUICKSPAN™ LOCKING DRYWALL GRID SYSTEM

| QUICKSPAN™ LOCKING DRYWALL GRID SYSTEM | DESCRIPTION               | DIMENSIONS L x H x W (IN.) | HANGER/LOCK SPACING (IN.) | PIECES/BUNDLE | LIN. FT./BUNDLE | LBS./BUNDLE | RECYCLED CONTENT TOTAL |
|--|---------------------------|----------------------------|---------------------------|---------------|-----------------|-------------|------------------------|
| <b>SPANNING TEES</b>                   |                           |                            |                           |               |                 |             |                        |
| QST6-13-20                             | 6' QuickSpan Tee G40      | 72 x 1-9/16 x 1-1/2        | 4" O.C.                   | 12            | 72              | 25          | 87%                    |
| QST8-13-20                             | 8' QuickSpan Tee G40      | 96 x 1-9/16 x 1-1/2        | 4" O.C.                   | 12            | 96              | 34          | 87%                    |
| QST10-13-20                            | 10' QuickSpan Tee G40     | 120 x 1-9/16 x 1-1/2       | 4" O.C.                   | 12            | 120             | 42          | 87%                    |
| QST12-13-20                            | 12' QuickSpan Tee G40     | 144 x 1-9/16 x 1-1/2       | 4" O.C.                   | 12            | 144             | 50          | 87%                    |
| QST14-13-20                            | 14' QuickSpan Tee G40     | 168 x 1-9/16 x 1-1/2       | 4" O.C.                   | 12            | 168             | 59          | 87%                    |
| QST16-13-20                            | 16' QuickSpan Tee G40     | 192 x 1-9/16 x 1-1/2       | 4" O.C.                   | 12            | 192             | 67          | 87%                    |
| CUSTOM                                 | Custom Length (Max = 16') | TBD x 1-9/16 x 1-1/2       | 4" O.C.                   | —             | —               | —           | 87%                    |

| <b>WALL ANGLE</b> |                               |                     |  |    |     |    |     |
|-------------------|-------------------------------|---------------------|--|----|-----|----|-----|
| DWA1.5-1.5        | 1-1/2" Knurled Wall Angle G40 | 144 x 1-1/2 x 1-1/2 |  | 20 | 240 | 45 | 88% |
| DWA2-2            | 2" Knurled Wall Angle G40     | 144 x 2 x 2         |  | 20 | 240 | 59 | 88% |

| <b>LOCKING CHANNEL</b> |                                   |                      |         |    |     |    |     |
|------------------------|-----------------------------------|----------------------|---------|----|-----|----|-----|
| QSLC12-14-20           | 12' QuickSpan Locking Channel G40 | 144 x 1-3/4 x 1-9/16 | 8" O.C. | 12 | 144 | 40 | 87% |

| <b>SUPPORT CLIP</b> |                        |                 |     |     |     |     |     |
|---------------------|------------------------|-----------------|-----|-----|-----|-----|-----|
| QSSC1               | QuickSpan Support Clip | 3.83 x 1.61 x 2 | n/a | 100 | n/a | n/a | 87% |

QuickSpan tees and locking channel must be used together.

G-90 galvanization is available for extreme corrosion resistance and exterior applications.

## LOAD TEST DATA

| <b>CLEAR SPAN L/240 NO HANGERS (LBS/FT)</b> |          |             |          |             |          |             |          |             |          |              |           |              |            |               |            |            |            |
|---|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|--------------|-----------|--------------|------------|---------------|------------|------------|------------|
| SPAN LENGTH                                 | 4' (48") | 4' 6" (54") | 5' (60") | 5' 6" (66") | 6' (72") | 6' 6" (78") | 7' (84") | 7' 6" (90") | 8' (96") | 8' 6" (102") | 9' (108") | 9' 6" (114") | 10' (120") | 10' 6" (126") | 11' (132") | 12' (144") | 14' (168") |
| LOAD (LBS/SQ. FT.)                          | 33.86    | 24.02       | 17.51    | 13.16       | 10.13    | 7.97        | 6.38     | 5.19        | 4.28     | 3.60         | 3.31      | 2.81         | 2.41       | 2.08          | 1.81       | 1.51       | 1.03       |

## SPAN LOAD TEST DATA (WITHOUT SUPPORT CLIP)

| SPANNING TEE SPACING (LBS/SQ. FT.) | SPAN LENGTH |             |          |             |          |             |          |             |          |           |            |               |            |            |  |
|------------------------------------|-------------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-----------|------------|---------------|------------|------------|--|
|                                    | 4' (48")    | 4' 6" (54") | 5' (60") | 5' 6" (66") | 6' (72") | 6' 6" (78") | 7' (84") | 7' 6" (90") | 8' (96") | 9' (108") | 10' (120") | 11' 3" (135") | 12' (144") | 14' (168") |  |
| 8" O.C.                            | 50.5        | 35.85       | 26.2     | 19.64       | 15.2     | 11.9        | 9.6      | 7.75        | 6.4      | 5.0       | 3.6        | 2.6           | 2.25       | 1.54       |  |
| 16" O.C.                           | 25.5        | 18.06       | 13.2     | 9.89        | 7.6      | 5.99        | 4.8      | 3.9         | 3.2      | 2.5       | 1.81       | 1.31          | 1.14       | 0.77       |  |
| 24" O.C.                           | 16.9        | 12.01       | 8.8      | 6.58        | 5.1      | 3.99        | 3.2      | 2.6         | 2.14     | 1.66      | 1.21       | 0.87          | 0.76       | 0.52       |  |

Note: 2-ply 5/8" drywall weighs approx. 5.0 lbs/sq. ft.

5/8" drywall weighs approx. 2.5 lbs/sq. ft.

1/2" drywall weighs approx. 2.0 lbs/sq. ft.

1/2" Easi-Lite weighs approx. 1.4 lbs/sq. ft.

| MAX DESIGN SPAN FOR 5 LBS/SQ. FT. (DOUBLE 5/8" BOARD) |                 | MAX DESIGN SPAN FOR 2.5 LBS/SQ. FT. (5/8" BOARD) |                 | MAX DESIGN SPAN FOR 2.0 LBS/SQ. FT. (1/2" BOARD) |                 | MAX DESIGN SPAN FOR 1.4 LBS/SQ. FT. (LIGHTWEIGHT 1/2" BOARD*) |                 |
|---|-----------------|--|-----------------|--|-----------------|---|-----------------|
| 8" O.C.   | 107.7" (8' 11") | 8" O.C.  | 135.6" (11' 3") | 8" O.C.  | 152.3" (12' 8") | 8" O.C.   | 168" (14')      |
| 16" O.C.  | 82.8" (6' 10")  | 16" O.C.   | 107.7" (8' 11") | 16" O.C.   | 116" (9' 7")    | 16" O.C.  | 130.6" (10' 5") |
| 24" O.C.  | 72.3" (6')      | 24" O.C.   | 91.1" (7' 7")   | 24" O.C.   | 98.2" (8' 2")   | 24" O.C.  | 114.1" (9' 5")  |

CertainTeed Easi-Lite™ Drywall boards weigh between 1.2 and 1.4 lbs/sq. ft.







# QUICKSPAN™ LOCKING DRYWALL GRID SYSTEM

## HANGER WIRE SPACING (IN.) FOR QUICKSPAN TEE PERPENDICULAR SUPPORT WITH SUPPORT CLIP AT CENTER

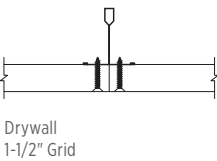
| GYPSUM BOARD WEIGHT | FULL SPAN IN FT. (UNSUPPORTED SPAN IN FT.)* |         |           |          |            |          |            |          |            |          |
|---------------------|---|---------|-----------|----------|------------|----------|------------|----------|------------|----------|
|                     | 7' (3.5')                                   | 8' (4') | 9' (4.5') | 10' (5') | 11' (5.5') | 12' (6') | 13' (6.5') | 14' (7') | 15' (7.5') | 16' (8') |
|                     | HANGER SPACING (IN.)                        |         |           |          |            |          |            |          |            |          |
| 5 LBS/SQ. FT.       | 60.0  | 57.4    | 55.2      | 53.3     | 51.6       | 50.1     | 48.8       | 47.6     | 46.5       | 45.5     |
| 2.5 LBS/SQ. FT.     | 75.6  | 72.3    | 69.5      | 67.1     | 65.0       | 63.2     | 61.5       | 60.0     | 58.6       | 57.4     |
| 2 LBS/SQ. FT.       | 78.0  | 78.0    | 74.9      | 72.3     | 70.0       | 68.0     | 66.2       | 64.6     | 63.2       | 61.8     |
| 1.4 LBS/SQ. FT.     | 78.0  | 78.0    | 78.0      | 78.0     | 78.0       | 76.6     | 74.6       | 72.8     | 71.1       | 69.6     |

\*Unsupported span is equal to the distance measured between locking channels and the perpendicular QuickSpan support tee.

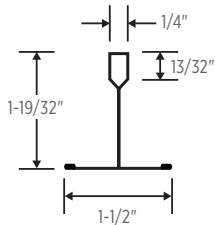
## ACCESSORIES

| QUICKSPAN™ ACCESSORIES  | PRODUCT NAME                 | DIMENSIONS L X H X W IN. (MM)          | PIECES/CARTON | USE  |   |
|---|------------------------------|--|---------------|--|---|
|    | QSSC1 QuickSpan Support Clip | 3.83 x 1.61 x 2 (97.28 x 40.89 x 50.8) | 100           | Used to support wider spanning tee spacing and enables longer spans with fewer hanger wires. Fastened with two minimum #7 screws (not provided). |    |
|   | DFB Direct Fixing Bracket    | 4-1/2 x 1-1/2 x 1/16 (115 x 39 x 2)    | 75            | Used to attach tees to the structure in shallow plenum applications  |   |
|  | LBRC L-Bracket               | 2-1/4 x 2-1/4 x 1/16 (58 x 58 x 2)     | 200           | Used to screw-attach cut cross tees together   |  |

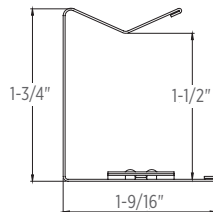
## EDGE DETAILS



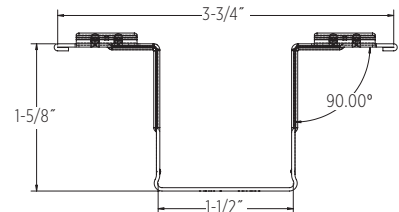
## TEES



## LOCKING CHANNEL



## SUPPORT CLIP



1. Spanning tee load test data shows uniform load in lbs./sq. ft. based on clear span tests in accordance with ASTM deflection limit on L/240.
2. Carrying tees require inverted 16" tee splice fastened with four #7 screws on each side of the joint.
3. Installation per ASTM C636
4. Installation per ASTM C754

## 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 local officials prior to designing and installing a ceiling system. Other restrictions and exemptions may apply.  
Tested performance data available in ICC ESR-3941

## INSTALLATION

Must be installed in compliance with ASTM C636, ASTM E580, CISCA and stand industry practices, within all applicable code requirements. Alternative assemblies and installation methods may be utilized when approved by the Authority Having Jurisdiction. CertainTeed Ceilings recommends checking with the Authority Having Jurisdiction prior to designing and installing a suspended ceiling system.



## CertainTeed ARCHITECTURAL

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