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LISTING INFORMATION OF

# Simpson Strong-Tie - DGF, DGT, DGHT, DU, HHGU, LGU, MGU, HGU, and HUCQ Series Fire Wall Hanger

SPEC ID: 42142

Simpson Strong-Tie Company, Inc.
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Pleasanton, CA 94588
United States

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# LISTING INFORMATION

This product series includes the DGF, DGBF, DGHF, DGT, DGHT, DU, DHU, DHUTF, HHGU, LGU, MGU, HGU, and HUCQ models of joist hangers that connect floor joists to the wood wall. The DG Series feature enough space for drywall to be installed after framing. The DU, HHGU, LGU, MGU, HGU, and HUCQ Series are installed after drywall. The hanger may be installed on either or both sides of a 2 hour fire-rated wood framed wall.

**FIRE RATING**

| Test Standard | Rating | Design Number |
|---|---|---|
| ASTM E814 | 2 hour T rating & F rating<br><br>Exception:<br>DGT, DGHT<br>1-1/4 hour T rating & 2 hour F rating | SST/WPCF 120-01 |
| CAN/ULC S115 | 2 hour F, FH, FT, FTH,<br><br>Exception:<br>DGT, DGHT<br>2 hr F, FH rating<br>1-1/4 hr FT, FTH rating | |

| Attribute | Value |
|---|---|
| Criteria | ASTM E814-13a (R2017) |
| Criteria | CAN / ULC S115 (2018) Ed. 5 |
| Criteria | ASTM E814 (2024) |
| CSI Code | 06 05 23 Wood, Plastic, and Composite Fastenings |
| Listing Section | WALL ASSEMBLIES |
| Spec ID | 42142 |

# DRAWING INDEX

SST/WPCF 120-01

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# SST/WPCF 120-01

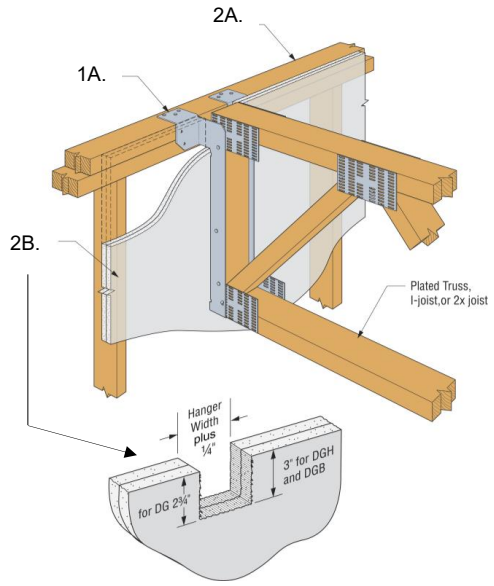
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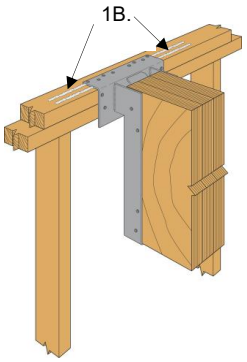
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**Simpson Strong-Tie Co., Inc.**
**Design No. SST/WPCF 120-01**
**Fire Resistant Joist Hanger**
**DGF, DGBF, DGHF, DGT, DGHT, DU, DHU, DHUTF, HHGU, LGU, MGU, HGU, and HUCQ Fire Wall Hanger**
**ASTM E814, CAN/ULC S115**

**Table 1: RATINGS**

| Hanger | CAN/ULC S115 | | ASTM E814 | |
|---|---|---|---|---|
| | F, FH | FT, FTH | F | T |
| DGF, DGBF, DGHF, DU, DHU, DHUTF, HHGU, LGU, MGU, HGU, and HUCQ | 2 hr | 2 hr | 2 hr | 2 hr |
| DGT, DGHT | 2-hr | 1-1/4 hr | 2-hr | 1-1/4 hr |



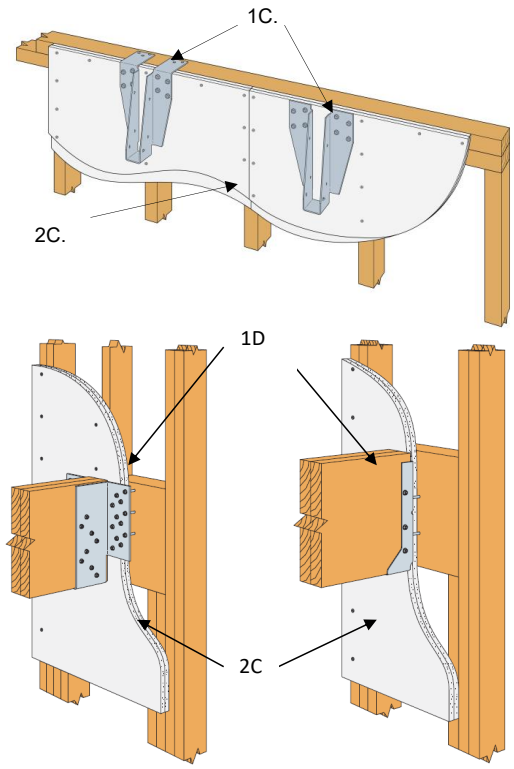

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Version: 02 August 2017 SFT-BC-OP-19i

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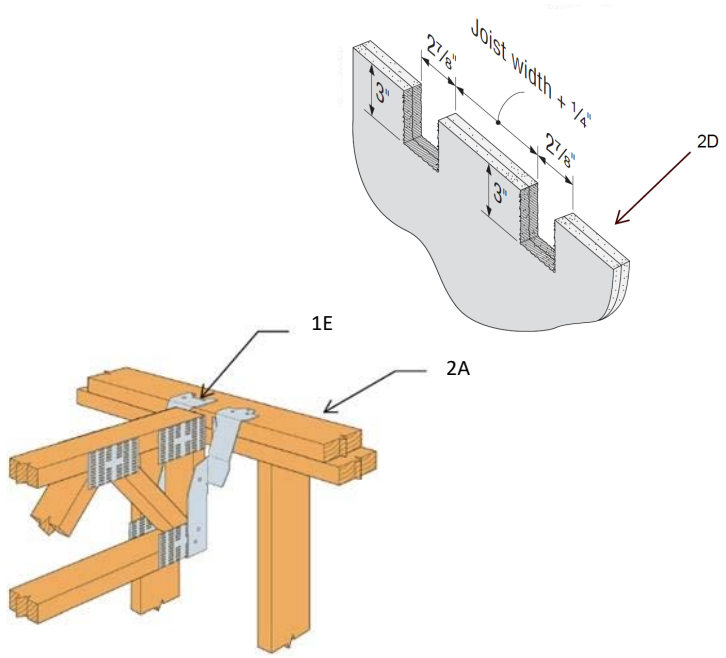
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**1. FIRE WALL HANGERS:**

**CERTIFIED PRODUCT:** Simpson Strong-Tie Co., Inc. DGF, DGBF, DGHF, DGT, DGHT, DU, DHU, DHUTF, HHGU, LGU, MGU, HGU, and HUCQ Fire Wall Hangers

The DG Series features enough space for drywall to be installed before the hanger. The DU Series are installed after drywall. The hangers may be installed in back-to-back construction on min. nominal 2 × 6 wood stud wall, max. 16 in. on center (oc) stud spacing.

A. Attach the DGF Series Fire Wall Hanger directly to the top wall plates with min. 0.148 in. diameter (min. 1-1/2, max. 3 in. length) nails.

B. With the DGBF, apply two 1/4 in. beads of fire-resistant mortar caulk, 6 in. long and directly to the top wall plates.

C. For DU series hangers, gypsum shall be installed first, then mount the DU and DHU with top of hanger flush with top of wall and tight to drywall. Install DHUTF with top flange to top of wall. All DU series hangers shall be attached through the face with SDS 3-1/2 in. × 1/4 in. screws. Attach DHUTF hanger top flange with 10d × 1-1/2 in. nails.

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D. For HHGU, LGU, MGU, HGU, and HUCQ series hangers, gypsum shall be installed first. Hanger shall be attached through the face with number of fasteners per structural ratings.

E. Attach DGT and DGHT Fire Wall Hanger directly to the top plates with 0.148 diameter min. 1-1/2 in., max. 2-1/2 in. length nails.

**2. WOOD FRAMED 2 HOUR FIRE-RATED WALL:**

A. Min. nominal 2 × 4 wood stud wall, max. 16 in. oc stud spacing.

B. Two layers of 5/8 in., Type X, gypsum installed per Code for 2 hour rated wall. Both layers of drywall shall be notched 1/4 in. wider than the Fire Wall Hanger width, 2-3/4 in. height for the DGF, and 3 in. height for the DGBF and DGHF.

C. Two layers of 5/8 in., Type X, gypsum installed per Code for 2 hour rated wall for DU, HHGU, LGU, MGU, HGU, and HUCQ series face mounted hanger installation.

D. Two layers of 5/8 in., Type X, gypsum installed per Code for 2 hour rated wall. Both layers of drywall shall be notched each side of the hanger 2-5/8 in. width, 3 in. height for DGT and DGHT

*Consult the listing report on the Directory of Building Products (https://bpdirectory.intertek.com) for the edition of the standard(s) evaluated.*

*Compliance of the assembly described in this Design Listing with the referenced standard relies on verification that the assembly constructed in the field is consistent with that described herein. Intertek certified products may be verified by the approved Intertek label; other products must be verified by the Authority Having Jurisdiction as meeting the specifications stated herein.*