

This Tech Note must be used in conjunction with the appropriate Pacific Woodtech™ (PWT™) Technical Guide.

## Bearing Requirements for PWT™ Members with Very Low Slopes ( $\leq 1/2"$ Rise for 12" of Run)

Use of Flat Bearings or Non-Sloped Hangers with Sloped Members is acceptable provided that:

1. The member pitch is less than or equal to  $1/2"$  rise for 12" of run (0.5:12) or  $2.39^\circ$  degrees.
2. The application, including but not limited to the PWT Product, Pitch, and Hanger, is approved by the specified hanger manufacturer.
3. The member design is based on the horizontal bearing length provided.
4. Hanger design includes any and all appropriate adjustment factors as specified by the hanger manufacturer.

Use of Beveled Plate or Variable Pitch Connectors are required when any of the conditions above are not met.

**E2** **Hanger Detail**

Applied loads at end of I-joist must be supported directly by the girder, or by a ledger or blocking fastened to the girder.

Be sure to check web filler requirements for hangers

Verify capacity and fastening requirements of hangers and connectors

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**H2** **BEVELED PLATE**

PWI Blocking\*

2 x beveled plate

Simpson® VPA, MiTek® TMP, (or equal) connector may be substituted for beveled plate. Use of flat bearings or non-sloped hangers with sloped members is acceptable provided that the member pitch is less than or equal to  $1/2"$  rise for 12" of run (0.5:12) or  $2.39^\circ$  degrees. Hanger design is the responsibility of the designer.

\* Lateral resistance shall be provided. Other methods of restraint, such as full depth PWT LVL or APA Rim Board may be substituted for the PWI blocking shown.

Our literature is updated frequently, so please visit [www.pwtewp.com](http://www.pwtewp.com) for the most current version of our specifications.

Table date: April, 2023  
Valid until: April, 2024

**Cal. Prop 65 Warning:**

**⚠** WARNING: Drilling, sawing, sanding or machining wood products can expose you to wood dust, a substance known to the State of California to cause cancer. Avoid inhaling wood dust or use a dust mask or other safeguards for personal protection. For more information go to [www.P65Warnings.ca.gov/wood](http://www.P65Warnings.ca.gov/wood).