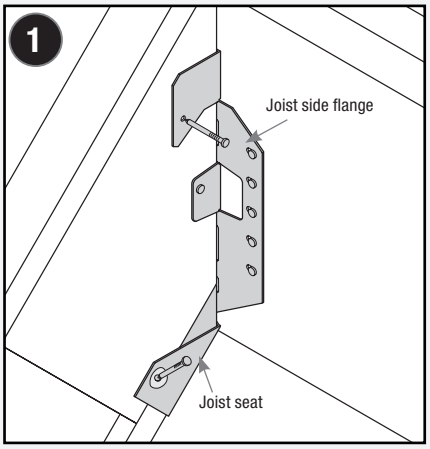
MiTek®
USP®
Structural Connectors

LSSH Series

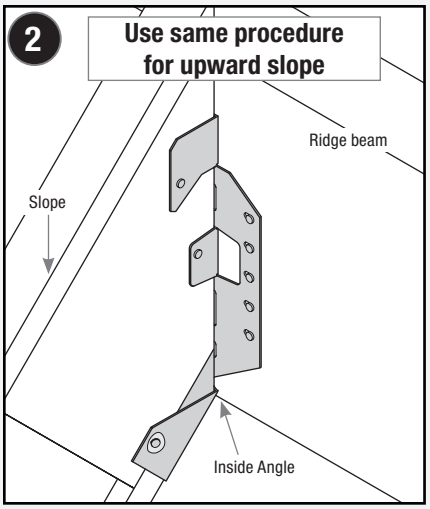
Slope / Skew Hanger Installation Instructions

1



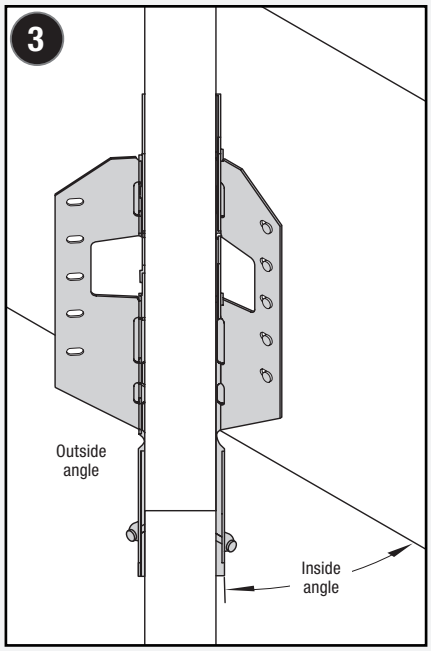
Position LSSH hanger against plumb-cut end of joist as shown. Fasten joist side flanges on both sides with 10d (0.148") x 1-1/2" nails. Bend seat up to fit against joist bottom and drive (1) 10d (0.148") x 1-1/2" nail through bottom seat into rafter bottom. Drive (2) 10d (0.148") x 1-1/2" nails at downward angle through dimpled nailing guides.

2



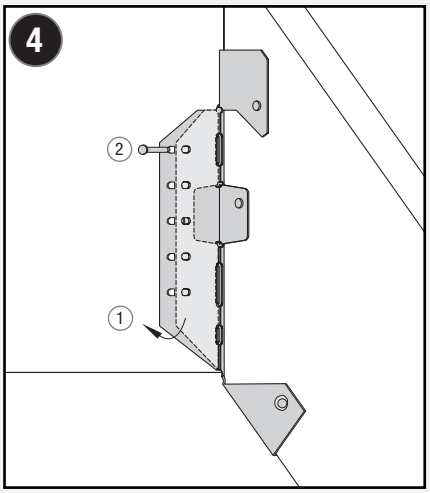
Lean hanger and rafter end against ridge beam at desired position. Install 10d (0.148" x 3") or 16d (0.162" x 3-1/2") nails through nail holes into ridge beam at right 90° angle. If skewing the rafter, only drive nails into ridge beam on inside flange.

3

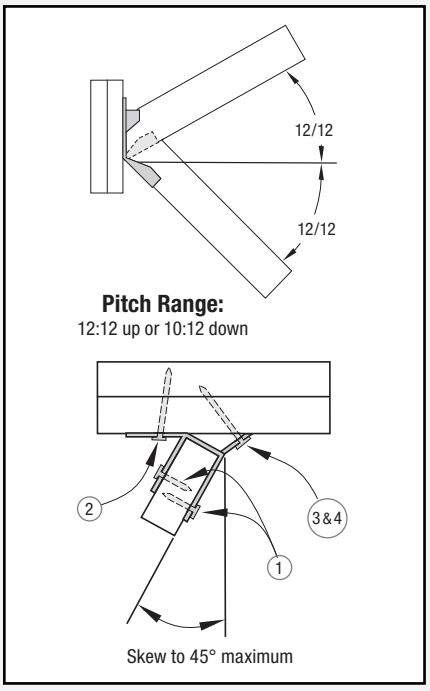


Bend flange to desired angle.

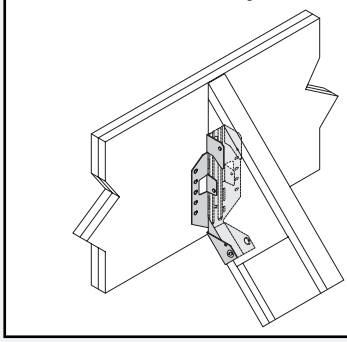
4



1) Hammer outside flange until edge touches the header.
2) Fasten outside flange to ridge by driving 10d (0.148" x 3") or 16d (0.162" x 3-1/2") nails through nail holes. Upon completion all LSSH nail holes should be filled.



Web stiffener requirements



Web stiffeners are required for all wood I-Joist installations. Designer may consider adding a tension restraint for the supported member for roof slopes exceeding 6/12.

For applications in potentially corrosive environments, including contact with treated wood, MiTek recommends at a minimum consumers use Triple Zinc G-185 connectors for corrosion protection.

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