

Hugger Installation

Receiving Materials:

Roof Huggers are typically placed on wood pallets 3'-5' wide and approximately 10' long weighing up to 3,500 lbs. Roof Huggers are shipped via closed van for less than truckload "LTL" quantities or flatbed trailer for truckload quantities. The installer is responsible for unloading the material and for providing suitable equipment to safely unload the material from the delivery truck. Upon receipt, check material for damage. If any is found note this damage on the shipping documents immediately prior to the truck leaving delivery site. Please notify Roof Hugger, Inc. of this damage within 48 hours with a faxed copy of the notated shipping documents.

Handling:

Proper care is required while unloading to prevent personal injury or material damage. Band straps should never be used for pulling or lifting of the pallets. If the pallets are to be lifted onto the roof, confirm the structure has adequate capacity first. If the structure is capable, the pallet should only be placed above the existing structural frames, 1-pallet per frame maximum unless otherwise directed by the engineer of record for the project.

Fasteners:

The following fasteners are those used in typical Roof Hugger installations as indicated. Please note their specific use as described elsewhere in this manual. Typical Nomenclature: #12 (screw diameter) – 14 (threads per inch) x 1 ¼" (length) DP3 (self drilling drill tip size).



Size: #12-14 X 1 ¼" or 1 ½" DP3

Location: Attaching Hugger to existing purlins or joist



Size: #10-16 X 1" DP3

Locations:

- A. Attaching Hugger top flange to sub-rafter at corner/edge wind uplift zones
- B. At Hugger laps for Purlin Strengthening



Size: #17-14 AB (shown with washer)

Locations:

- A. Attaching Hugger into existing roof panels at Mid-span locations
- B. Securing Hugger anti-rotational arm to existing SSR panel rib (vertical or trapezoidal)



Size: ¼"-14 X 1 ¼' DP3

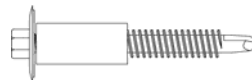
Locations:

- A. Attachment of Hugger Strut to existing purlin or joist
- B. Attachment of Hugger corner/edge zone Hat Purlin to Strut



Size: #17-5/16" DP3

Location: Attachment of Hugger to existing purlin or joist when existing roof panel is a trapezoidal or vertical rib standing with stand-off clip and thermal spacer



Size: ¼"-14 X 3" DP3 with "Spirol" spacer

Location: Attachment of Hugger to existing purlin or joist when existing roof panel is a trapezoidal or vertical rib standing with stand-off clip and thermal spacer