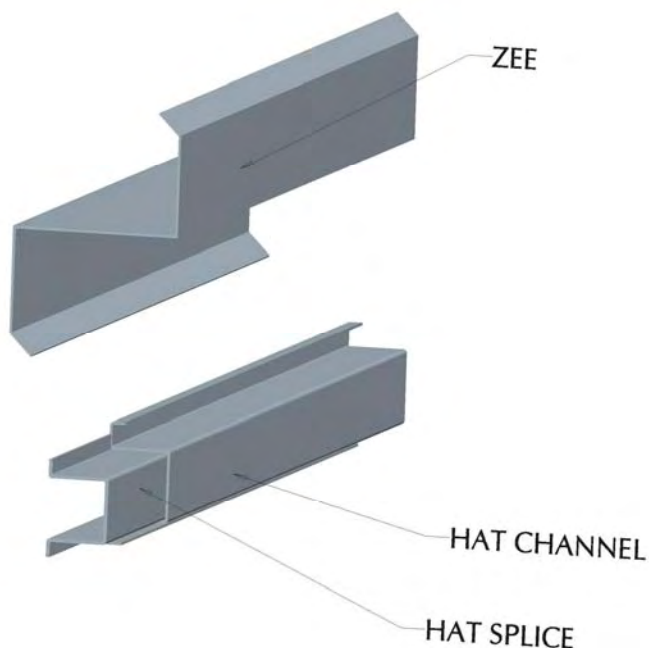




RoofScreen Mfg.
347 Coral Street
Santa Cruz, CA 95060
Phone: 866.766.3727
Fax: 866.253.0738
www.roofscreen.com



Secondary Framing Specifications

Description:

The RoofScreen Secondary Framing Components span the distance from frame to frame and provide a mounting surface for the panels. They are typically used when the panels are oriented vertically.

Components

1.5" Hat Section:

- 16ga galvanized steel
- 20' lengths
- End Splice: 14ga, 12" long
- Corner Splice: 14ga, 12" x 12"

3" Super Hat

- 16ga galvanized steel
- 20' lengths
- End Splice: 14ga, 12" long
- Corner Splice: 14ga, 12" x 12"

4" Zee Section:

- 16ga galvanized steel
- 20' lengths

LEED Information:

Structural Components/Steel
Post Consumer Recycled Content: 33%
Post Industrial Recycled Content: 0%
Manufactured: Campbell, CA

Application:

Depending on the wind load and distance between frames, one of the 3 types of secondary framing will be used. 1.5" hat is used for light wind loads and frames spaced close together. Super hat is used for higher wind loads and longer spans. Z sections can be used in very high wind load and long span conditions. Hats rather than Z's should be used when the panels are prone to "oil canning".

Installation:

The hats or Z's attach directly to the tubing of each frame using stainless steel, self-drilling, #12-14 X 1", T/3 tek screws. The structural engineer determines the attachment schedule. The same screw is also used for splices and laps on the hat and Z's.

Hat sections connect end to end with a straight end splice, and the corners are joined with a 90° corner splice. Both splice pieces are joined to the hat with tek screws.

Z sections do not use end or corner splices. The ends overlap 24" and are joined with tek screws. The corners are notched and joined per the detail in the RoofScreen installation manual.