





Hats and Zees

Description:

Galvanized steel Hat Channels and Zee Sections are used as structural girts and bracing members for various applications, including supporting face panels on the RoofScreen framing system, and PV modules on Silverback racking frames.

Materials:

- 16ga CRS, ASTM A653 (other gauges available)
- $F_y = 55\text{ksi}$ (min)
- Finish: G90 Galvanized
- Typical length: 20'

Hat and Zee Options	
Part Number: H10 Nominal Dimensions: 1.5"d x 1.7"w Material Gauge: 16	
Part Number: H13 and H20 Nominal Dimensions: 2.8"d x 2.8"w Material Gauge: 16 (H13), and 12 (H20)	
Part Number: H25 Nominal Dimensions: 2"d x 3"w Material Gauge: 16	
Part Number: Z10 Nominal Dimensions: 2.5" x 4" x 2.5" Material Gauge: 16	

Application:

For RoofScreen™ equipment screens, Hat Channels are typically used to span the distance from frame to frame and provide a mounting surface for louvers or vertical metal panels. Similarly, on Silverback Solar racking frames, the hat channels are used as the east-west rails for mounting the PV modules.

Installation:

When used on equipment screens and solar arrays, Hats and Zees attach directly to the RoofScreen frame tubing with self-drilling tek3 screws. The quantity of screws required is determined by engineering.

Hat sections connect end-to-end with splice plates provided by RoofScreen, fastened with self-drilling tek3 screws.

Z sections do not use end splices. The ends overlap 24" and are joined with self-drilling tek3 screws.

Warranty:

When RoofScreen provides project design and engineering calculations, a 20 year limited warranty is included.