



CONTACT US: (626)444-2649
 FAX: (626)602-7571
 WEB SITE:
www.premiersteelfabrication.com

Premier Steel Hat Channel

Geometric Properties

Hat-shaped channels are fabricated in 7/8" height with 1/2" flange. All Premier Steel hat channels are produced from hot-dipped galvanized steel in G40 coating. G60 and G90 is available on request.

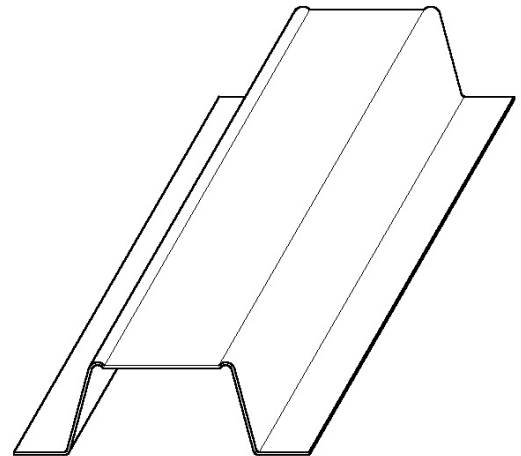
Steel Thickness

| Mil Thickness | Y, ksi | Design Thickness | Min Thickness, inches (mm) |
|---------------|--------|------------------|----------------------------|
| 18 (25GA) | 33 | 0.0188 (0.48mm) | 0.0179 (0.46mm) |
| 33 (20GA) | 33 | 0.0346 (0.88mm) | 0.0329 (0.83mm) |

- 1) Uncoated Steel Thickness is for carbon steel
- 2) Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the job site based on the Section A4.3 of the AISI S100-2007

Color Code (painted on ends)

- 18 Mil: None
- 33 Mil: Red



LEED Points and Recycled Content

By using Premier Steel Products your project can contribute to earning LEED points for:

- 1) LEED MR 2.1 and 2.2: Construction Waste Management: Up to 2 points.
- 2) LEED MR 4.1 and 4.2 Recycled Content: Up to 2 points.
- 3) LEED MR 5.1 and 5.2: Regional Materials

Premier Steel Products cold-formed steel framing products contain 30% to 35% recycled steel.

These products are produced from steel consisting of the following contents:

- 1) Total Recycled Content: 32.9%
- 2) Post-Consumer Content: 25.6%
- 3) Pre-Consumer Content: 6.8%

