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[www.DeluxeBuildingProducts.com](http://www.DeluxeBuildingProducts.com)

## Deluxe Building Products Steel Framing Studs

### Geometric Properties

Deluxe Building Products Steel Framing Studs are fabricated in several web widths and flange heights. All Deluxe Building Products structural and non-structural studs are produced from hot-dipped galvanized steel in G40 or G60 coating. G90 is available on request.

### Steel Thickness

| Mil Thickness | Y ksi | Design Thickness inches (mm) | 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)           |
| 43 (18ga)     | 33    | 0.0451 (1.14mm)              | 0.0428 (1.09mm)           |
| 54 (16ga)     | 50    | 0.0566 (1.44mm)              | 0.0538 (1.37mm)           |
| 68 (14ga)     | 50    | 0.0713 (1.81mm)              | 0.0677 (1.72mm)           |
| 97 (12ga)     | 50    | 0.1017 (2.58mm)              | 0.0966 (2.45mm)           |

- 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: Blue   | 30 Mil: Pink Fuchsia | 33 Mil: White  |
| 43 Mil: Yellow | 54 Mil: Green        | 68 Mil: Orange |
| 97 Mil: Red    |                      |                |

### ASTM & Code Standards

A653/653M; A924/A924M & A1003/A1003M, C955, C1007 INTERTEK CCRR-0224

### LEED Points and Recycled Content

By using Deluxe Building 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

### Deluxe Building 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%

