

Frametek Steel C-Studs

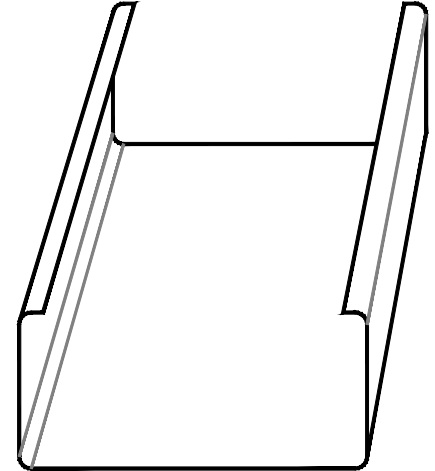
Geometric Properties

"C" studs are fabricated in several web widths and flange heights. All Frametek Steel structural and non-structural studs are produced from hot-dipped galvanized steel in a G40 or G60 coating. 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)
30 (20GA)	33	0.0306 (0.78mm)	0.0320 (0.81mm)
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 sheet steel
- 2) Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the job site based on Section A4.3 of the AISI S100-2007



Color Code (painted on ends)

18 Mil: None	54 Mil: Green
30 Mil: Red	68 Mil: Orange
33 Mil: Red	97 Mil: Red
43 Mil: Yellow	

ASTM & Code Standards

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

LEED Points and Recycled Content

By using Frametek 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

Frametek 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%

