

FRAMETEK STEEL C-STUDS.

Geometric Properties:

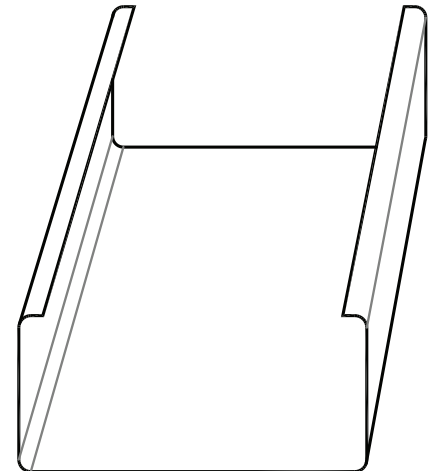
"C" studs are fabricated in eight different web widths and flange heights. All Frametek Steel structural and non-structural studs are produced from hot-dipped galvanized steel in a G40 or G60 coating - G90 is available on request.

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)
118 (10GA)	50	0.1242 / (3.15mm)	0.1180 / (2.99mm)

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 8100-2007.



Color Code (painted on ends):

18 Mil: None	54 Mil: Green
30 Mil: Pink	68 Mil: Orange
33 Mil: Red	97 Mil: Red
43 Mil: Yellow	118 Mil: Black

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%

