



Expanding Your Solutions

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Manufacturing Facilities

City of Industry, CA
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Structural Engineering/Design

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Technical Services

13191 Crossroads Pkwy N., Ste 325
City of Industry, CA 91746
Phone: 800.416.2278
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"CH" – SHAFT WALL STUDS, 34 Mil

Geometric Properties

"C-H" studs are fabricated in web depths of 2-1/2", 4", and 6" each with a short-flange width of 1-3/8" and long-flange width of 1-1/2". All C-H studs manufactured by CEMCO are produced from hot-dipped galvanized steel in standard G40 coating. G60 is available upon special request.

Steel Thickness

Member Depth (A) (in)	Thickness (mil)	Design Thickness (in) ¹	Minimum Thickness (in) ^{1,2}
2-1/2, 4, 6	34	0.0359 (0.91mm)	0.0341 (0.87mm)

Notes:

1. Uncoated Steel Thickness. 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 S100-2012.

Color Code (painted on ends):

34-mil: White

ASTM & Code Standards:

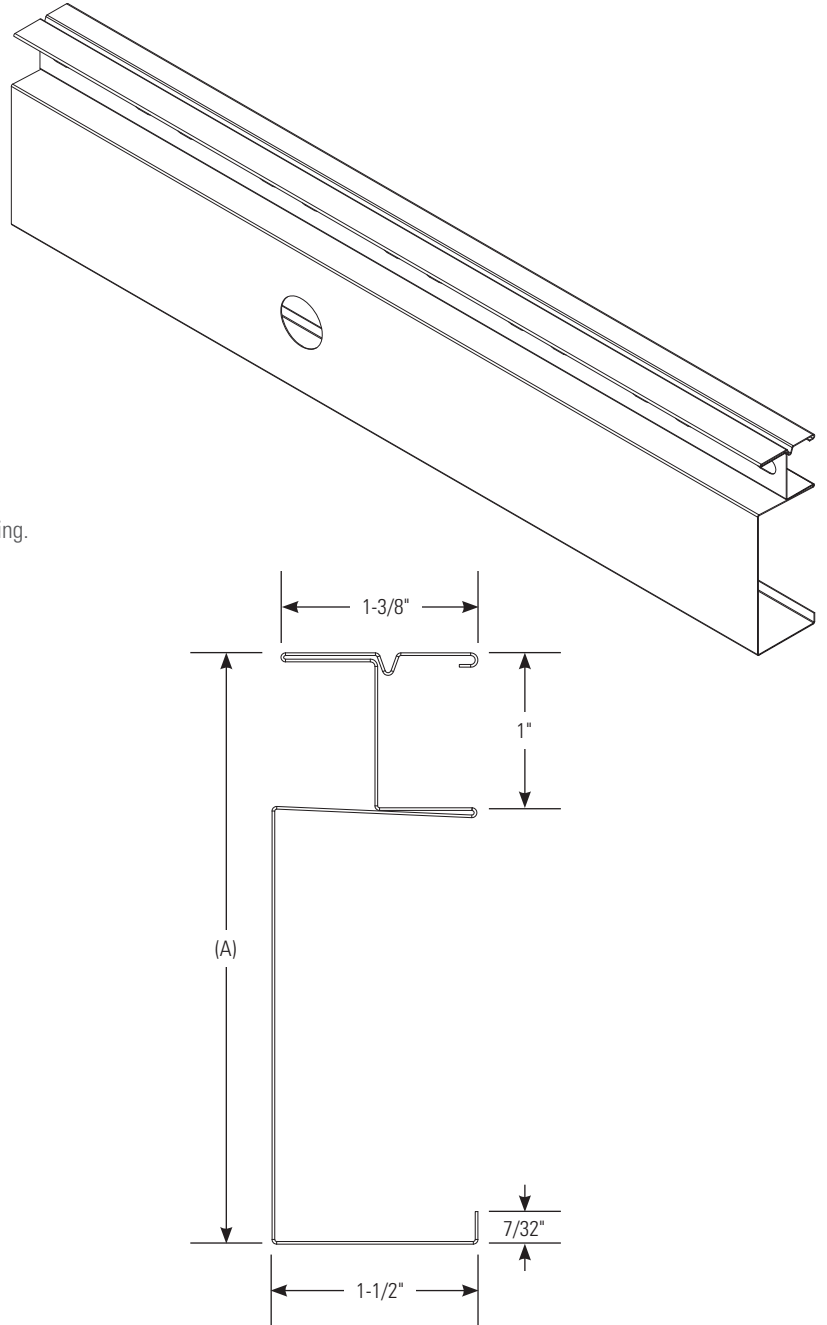
- ASTM A653/A653M, A924/A924M, A1003/A1003M, C645, C745
- AER-09038
- IBC: 2012, 2015, 2018
- CBC: 2013, 2016, 2019
- AISI: S100, S220

LEED v4 for Building and Design Construction

- MR Prerequisite: Construction and Demolition Waste Management Planning.
- MR Credit: Construction and Demolition Waste Management.
- MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials, Option 2.
- MR Credit: Building Product Disclosure and Optimization – Environmental Product Declarations, Options 1 & 2.
- MR Credit: Building Product Disclosure and Optimization – Material Ingredients, Option 1.
- MR Credit: Building Life-Cycle Impact Reduction, Option 4.

CEMCO cold-formed steel framing products contain 30% to 37% recycled steel.

- Total Recycled Content: 36.9%
- Post-Consumer: 19.8%
- Pre-Consumer: 14.4%



Technical Services

Technical Services: 800.416.2278
Structural Engineering/Design: 925.473.9340
www.cemcosteel.com



This technical information reflects the most current information available and supersedes any and all previous publications effective January 23, 2025.

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