



Expanding Your Solutions

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Technical Services
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"JR" – J-RUNNER, 43 Mil

Geometric Properties

"JR" J-Runners are fabricated in web depths of 4" and 6" with a short leg of 1", and a long leg of 2". All J-Runners manufactured by CEMCO are produced from hot-dipped galvanized steel in standard G60 coating. G90 is available upon special request.

Steel Thickness

Member Depth (A) (in)	Thickness (mil)	Minimum Yield (ksi)	Design Thickness (in) ¹	Minimum Thickness (in) ^{1,2}
4 & 6	43	40	0.0451 (1.15 mm)	0.0428 (1.09 mm)

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 AISI S100.

Color Code (painted on ends):

43-mil: Yellow

ASTM & Code Standards:

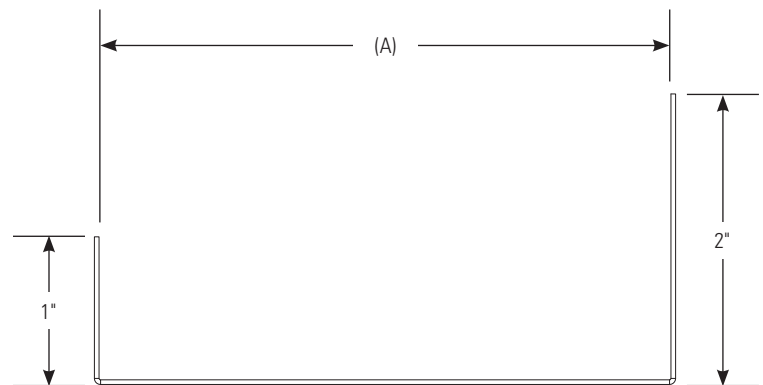
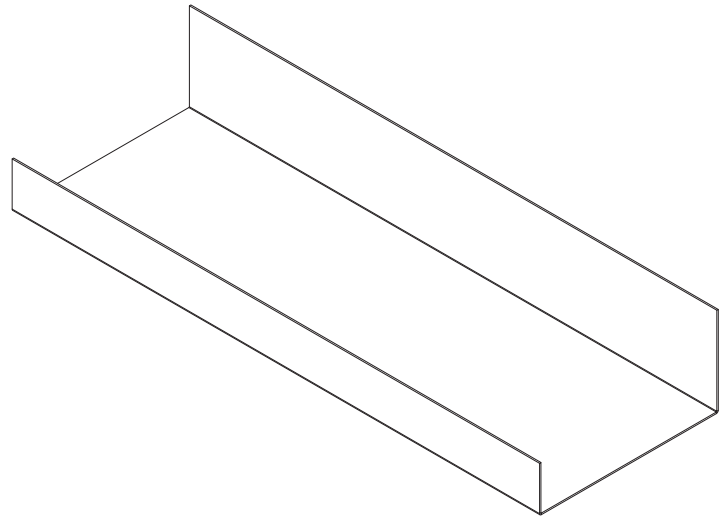
- ASTM A653/A653M, A924/A924M, A1003/A1003M, C645
- IBC: 2015, 2018, 2021, 2024
- CBC: 2013, 2016, 2019
- AISI: S100, S220

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 November 19, 2025.

11-19-25 AT