

Marino\WARE® Product Submittal Data

PRODUCT NAME: 1000JT250-54

MARINO\WARE PART #

PROPERTIES:

Web (in)	10	Yield Strength Fy (KSI)	50
Mils:	54	Tensile Strength Fu (KSI)	65
Gauge:	16	Design Thickness (in)	0.0566
Finish:	G60 or G90	Minimum Thickness (in)	0.0538
Flange:	2-1/2"		

SECTION PROPERTIES

GROSS SECTION PROPERTIES

Weight of Member: (lb/ft)	2.66
Cross Sectional Area: A (in ²)	0.784
Moment of Inertia: Ix (in ⁴)	10.0
Section Modulus: Sx (in ³)	2.16
Radius of Gyration: Rx (in)	3.57
Gross Moment of Inertia: Iy (in ⁴)	0.275
Gross Radius of Gyration: Ry (in)	0.592

EFFECTIVE SECTION PROPERTIES

Moment of Inertia-Deflection: Ixe (in ⁴)	10.0
Section Modulus: Sxe (in ³)	2.00
Allowable Bending Moment: Ma (in-k)	30.8
Allowable Shear Force: Va (K)	4.13

TORSIONAL SECTION PROPERTIES

St. Venant Torsional Constant: Jx1000 (in ⁴)	0.838
Torsional Warping Constant: Cw (in ⁶)	3.14
Radius of Gyration on the Centroid Principal axis: Ro (in)	4.38

CODES & STANDARDS

- Framing meets ASTM A 1003, A 653, & C 955

GREEN INFO LEED® v3

Available LEED® points in the following categories:

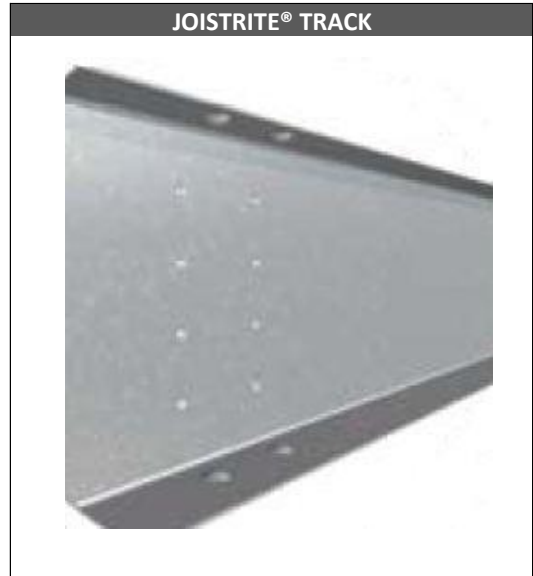
- MR Credit 2 - Construction Waste Management (1-2 points)
- MR Credit 4 - Recycled Content (1-2 points)
- MR Credit 5 - Regional Materials (1-2 points)

- Total Recycled Content: 34.9%
- Post Consumer Content: 24.3%
- Pre Consumer (Post Industrial) Content: 9.4%

- Also available in 9-1/4" and 11-1/4" Depths

05.42.00 Cold-Formed Metal Joist Framing

JOISTRITE® TRACK



For more information, please contact Marino\WARE Technical Services at 866-545-1545.

This technical information reflects the most current information available and supersedes any and all publications, effective 12/1/2010
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