

Marino\WARE® Product Submittal Data

PRODUCT NAME: 800JT250-54

MARINO\WARE PART #

PROPERTIES:

Web (in)	8	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)	2.29
Cross Sectional Area: A (in ²)	0.671
Moment of Inertia: Ix (in ⁴)	5.70
Section Modulus: Sx (in ³)	1.57
Radius of Gyration: Rx (in)	2.93
Gross Moment of Inertia: Iy (in ⁴)	0.263
Gross Radius of Gyration: Ry (in)	0.626

EFFECTIVE SECTION PROPERTIES

Moment of Inertia-Deflection: Ixe (in ⁴)	5.70
Section Modulus: Sxe (in ³)	1.47
Allowable Bending Moment: Ma (in-k)	24.1
Allowable Shear Force: Va (K)	4.12

TORSIONAL SECTION PROPERTIES

St. Venant Torsional Constant: Jx1000 (in ⁴)	0.717
Torsional Warping Constant: Cw (in ⁶)	1.87
Radius of Gyration on the Centroid Principal axis: Ro (in)	3.59

CODES & STANDARDS

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

GREEN INFO LEED® v3

Available LEED® points in the following categories:

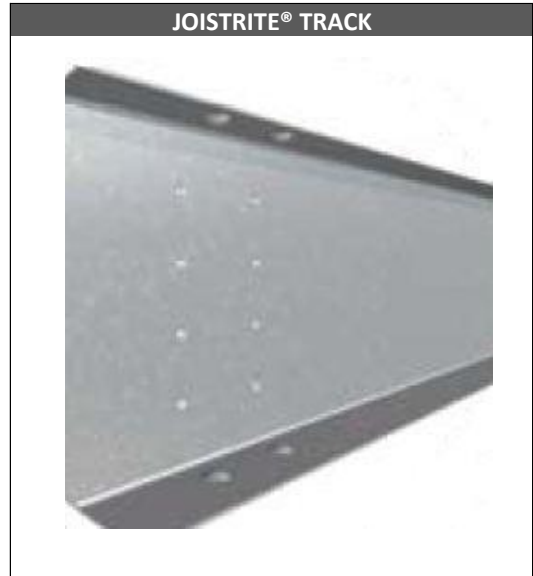
- MR Credit 2 - Construction Waste Management (1-2 points)
- MR Credit 4 - Recycled Content (1-2 points)
- MR Credit 5 - Regional Materials (1-2 points)

- 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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