

Product Name: 12" Track 2" Legs
Description: 1200T200-54

Physical Properties

Web Depth (in)	12.00	Gauge	16
Leg Length (in)	2.000	Mils	54
Standard Coating	CP60	Design Thickness (in)	0.0566
Available Coating *	CP90	Minimum Thickness (in)	0.0538
Weight (lb/ft)	3.080	Yield Stress Fy (ksi)	50
		Ultimate, Fu (ksi)	65

Section Properties

Cross Sectional Area (A)	0.905 in ²
Moment of Inertia (Ix)	16.464 in ⁴
Radius of Gyration (Rx)	4.265 in
Gross Moment of Inertia (Iy)	0.236 in ⁴
Gross Radius of Gyration (Ry)	0.510 in

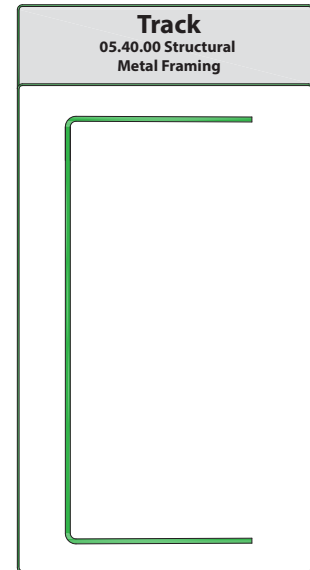
Effective Section Properties

Moment of Inertia for Deflection (Ixe)	12.962 in ⁴
Section Modulus (Sxe)	1.350 in ³
Allowable Bending Moment (Ma)	40.410 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.966 in ⁴
Warping Constant (Cw)	6.714 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-0.730 in
Radii of Gyration (Ro)	4.357 in
Torsional Flexural Constant (Beta)	0.972

Web-depth to thickness ratio exceeds 200. Web Stiffeners are required at all support points and concentrated loads.



MANUFACTURING Codes & Standards

NASPEC AISI S100-07 IBC 2009 2012 Compliant
Coated in accordance to ASTM A1003 & A653
Meets or exceeds ASTM C955 & AISI S200
Code Evaluation Report ICC-ESR #3957

GREEN Benefits & LEED Data:

LEED Credit MR 2 - Construction Waste Mgmt - 1-2 Points
LEED Credit MR 4 - Recycled Credit - 1-2 Points
LEED Credit MR 5 - Regional Materials - 1-2 Points
CRACO products are 100% recyclable
Contact Technical Services for more information