

**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)	33
		Ultimate, Fu (ksi)	45

**Section Properties**

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

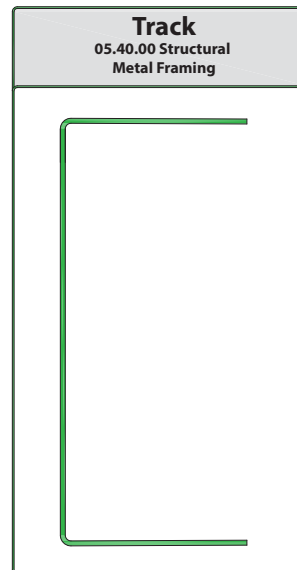
**Effective Section Properties**

Moment of Inertia for Deflection (Ixe)	14.078 in <sup>4</sup>
Section Modulus (Sxe)	1.582 in <sup>3</sup>
Allowable Bending Moment (Ma)	31.26 in-k

**Torsional Properties**

St. Venant Torsion Constant (Jx1000)	0.966 in <sup>4</sup>
Warping Constant (Cw)	6.714 in <sup>6</sup>
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