

Product Name: 8" Track
Description: 800T125-33

Physical Properties

Web Depth (in)	8.000	Gauge	20
Leg Length (in)	1.250	Mils	33
Standard Coating	CP60	Design Thickness (in)	0.0346
Available Coating *	CP90	Minimum Thickness (in)	0.0329
Weight (lb/ft)	1.240	Yield Stress Fy (ksi)	33
		Ultimate, Fu (ksi)	45

Section Properties

Cross Sectional Area (A)	0.363 in ²
Moment of Inertia (Ix)	2.895 in ⁴
Radius of Gyration (Rx)	2.824 in
Gross Moment of Inertia (Iy)	0.036 in ⁴
Gross Radius of Gyration (Ry)	0.131 in

Effective Section Properties

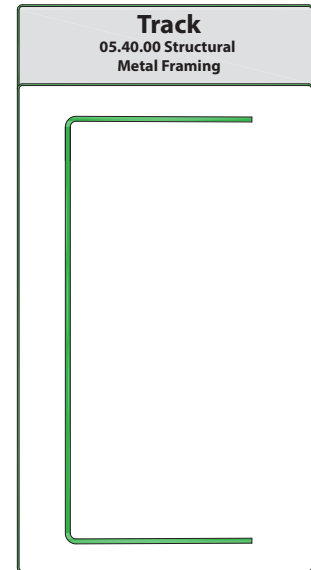
Moment of Inertia for Deflection (Ixe)	2.441 in ⁴
Section Modulus (Sxe)	0.407 in ³
Allowable Bending Moment (Ma)	8.03 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.145 in ⁴
Warping Constant (Cw)	0.456 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-0.439 in
Radii of Gyration (Ro)	2.875 in
Torsional Flexural Constant (Beta)	0.977

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

*By request



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