

Product Name: 8" Track 2-1/2" Legs
Description: 800T250-97

Physical Properties

Web Depth (in)	8.00	Gauge	12
Leg Length (in)	2.500	Mils	97
Standard Coating	CP60	Design Thickness (in)	0.1017
Available Coating *	CP90	Minimum Thickness (in)	0.0966
Weight (lb/ft)	4.490	Yield Stress Fy (ksi)	50
		Ultimate, Fu (ksi)	65

Section Properties

Cross Sectional Area (A)	1.320 in ²
Moment of Inertia (Ix)	12.944 in ⁴
Radius of Gyration (Rx)	3.144 in
Gross Moment of Inertia (Iy)	0.509 in ⁴
Gross Radius of Gyration (Ry)	0.741 in

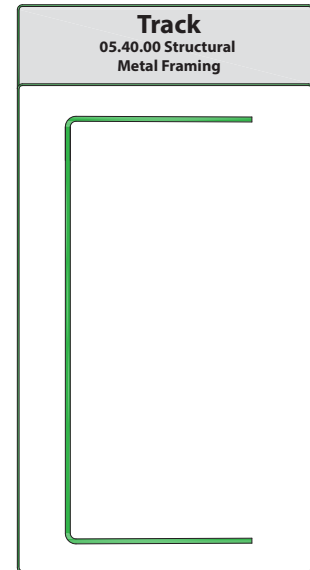
Effective Section Properties

Moment of Inertia for Deflection (Ixe)	7.588 in ⁴
Section Modulus (Sxe)	1.560 in ³
Allowable Bending Moment (Ma)	46.72 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	1.569 in ⁴
Warping Constant (Cw)	6.151 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-1.261 in
Radii of Gyration (Ro)	3.441 in
Torsional Flexural Constant (Beta)	0.866

*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