

Product Name: 4" Track 2-1/2" Legs
Description: 400T250-43

Physical Properties

Web Depth (in)	4.000	Gauge	18
Leg Length (in)	2.500	Mils	43
Standard Coating	CP60	Design Thickness (in)	0.0451
Available Coating *	CP90	Minimum Thickness (in)	0.0428
Weight (lb/ft)	1.380	Yield Stress Fy (ksi)	33
		Ultimate, Fu (ksi)	45

Section Properties

Cross Sectional Area (A)	0.406 in ²
Moment of Inertia (Ix)	1.193 in ⁴
Radius of Gyration (Rx)	1.715 in
Gross Moment of Inertia (Iy)	0.268 in ⁴
Gross Radius of Gyration (Ry)	0.813 in

Effective Section Properties

Moment of Inertia for Deflection (Ixe)	0.888 in ⁴
Section Modulus (Sxe)	0.324 in ³
Allowable Bending Moment (Ma)	6.400 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.275 in ⁴
Warping Constant (Cw)	0.799 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-1.653
Radii of Gyration (Ro)	2.517 in
Torsional Flexural Constant (Beta)	0.569

*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