

Product Name: 2-1/2" SmartTrack 33mil 2" Legs

Description: 250ST200-33

Physical Properties

Web Depth (in)	2.50	Yield Stress Fy (KSI)	33
Leg Length (in)	2.00	Mils	33
Standard Coating	G40	Design Thickness (in)	0.0346
Coating by request	CP60	Minimum Thickness (in)	0.0329
Weight (lb/ft)	0.760	Gauge	20

Section Properties

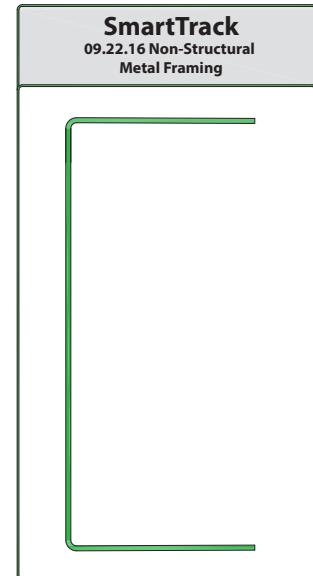
Cross Sectional Area (A)	0.225 in ²
Moment of Inertia (Ix)	0.280 in ⁴
Radius of Gyration (Rx)	1.117 in
Gross Moment of Inertia (Iy)	0.097 in ⁴
Gross Radius of Gyration (Ry)	0.658 in

Effective Section Properties

Moment of Inertia for Deflection (Ixe)	0.203 in ⁴
Section Modulus (Sxe)	0.112 in ³
Allowable Bending Moment (Ma)	2.220 in-k

Torsional Properties

St. Venant Torsion Constant (Jx1000)	0.090 in ⁴
Warping Constant (Cw)	0.118 in ⁶
Distance from Shear Center to Neutral Axis (Xo)	-1.418 in
Radii of Gyration (Ro)	1.921 in
Torsional Flexural Constant (Beta)	0.455



MANUFACTURING Codes & Standards

- NASPEC AISI S100-07 IBC 2009 2012 Compliant
- Coated in accordance to ASTM A1003 & A653
- Meets or exceeds ASTM C645 & C745 & AISI S220
- Multiple UL Design Listings including U419
- 3rd Party Code Evaluation Report ICC-ESR #3943
- US Patent No. D618,365S

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