

Product Name: 3-5/8" SmartTrack25

Description: 362ST125-15

Physical Properties

| | | | |
|------------------|-------|------------------------|--------|
| Web Depth (in) | 3.625 | Yield Stress Fy (KSI) | 50 |
| Leg Length (in) | 1.25 | Mils | 15 |
| Standard Coating | G40 | Design Thickness (in) | 0.0157 |
| Weight (lb/ft) | 0.320 | Minimum Thickness (in) | 0.0149 |
| | | Gauge EQ | 25 |

Section Properties

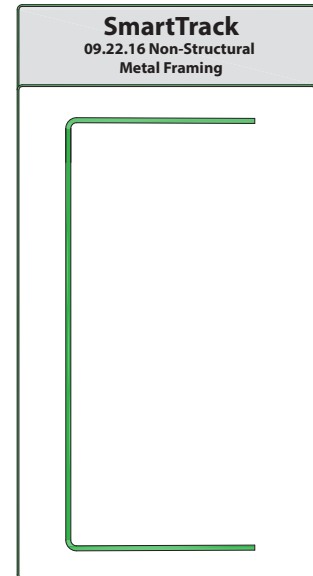
| | |
|-------------------------------|-----------------------|
| Cross Sectional Area (A) | 0.096 in ² |
| Moment of Inertia (Ix) | 0.197 in ⁴ |
| Radius of Gyration (Rx) | 1.431 in |
| Gross Moment of Inertia (Iy) | 0.014 in ⁴ |
| Gross Radius of Gyration (Ry) | 0.381 in |

Effective Section Properties

| | |
|--|-----------------------|
| Moment of Inertia for Deflection (Ixe) | 0.141 in ⁴ |
| Section Modulus (Sxe) | 0.033 in ³ |
| Allowable Bending Moment (Ma) | 0.551 in-k |

Torsional Properties

| | |
|---|-----------------------|
| St. Venant Torsion Constant (Jx1000) | 0.008 in ⁴ |
| Warping Constant (Cw) | 0.034 in ⁶ |
| Distance from Shear Center to Neutral Axis (Xo) | -0.667 in |
| Radii of Gyration (Ro) | 1.625 in |
| Torsional Flexural Constant (Beta) | 0.831 |



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