Product Submittal Sheet

Product Submittal Sheet

Technical Services: 888-437-3244
Engineering Services: 877-832-3206
Sales: 800-543-7140
clarkdietrich.com

Product category: (TTS) TRAKLOC® Track
Product name: 362TTS137-30 33ksi G40
3-5/8” TRAKLOC® Track 30 mils (20ga DW)

Coating: G40
Color coding: Pink

Geometric Properties
Inside web depth: 3.625 in
Weight: 0.676 lb/ft
Leg width: 1.375 in
Minimum thickness: 0.0296 in
Design thickness: 0.0312 in
Yield stress, Fy: 33 ksi

Gross Section Properties of Full Section, Strong Axis
Cross sectional area (A): 0.199 in²
Moment of Inertia (Ix): 0.419 in⁴
Radius of gyration (Rx): 1.452 in
Gross moment of inertia (Iy): 0.036 in⁴
Gross radius of gyration (Ry): 0.423 in

Effective Section Properties
Effective area (Ae): 0.089 in²
Moment of Inertia (Ix): 0.347 in⁴
Section Modulus (Sx): 0.153 in³
Allowable bending moment (Mal): 3031 in-lbs
Allowable shear force in web (Vag): 758 lb

Torsional Properties
St. Venant torsion constant (J x 1000): 0.0645 in⁴
Warping constant (Cw): 0.087 in⁶
Distance from shear center to neutral axis (Xo): -0.757 in
Radii of gyration (Ro): 1.691 in
Torsional flexural constant (Beta): 0.800

Notes:
• Calculated properties are based on AISI S100-07 w/ S2-10 Supplement and AISI S100-12, North American Specification for Design of Cold-Formed Steel Structural Members.
• Effective properties incorporate the strength increase from the cold-work of forming as applicable per AISI A7.2.
• For deflection calculations, use the effective moment of inertia.
• Allowable moment includes cold-work of forming.

ASTM & Code Standards:
• AISI-NASPEC 2007 w/S2-10
• Meets or exceeds ASTM C645
• ICC ESR-1464 - Evaluation Report

09.22.16 (Non-Structural Metal Framing)

Sustainability Credits:
For more details and LEED letters contact Technical Services at 888-437-3244 or visit www.clarkdietrich.com/LEED
LEED v4 MR Credit -- Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).
LEED 2009 Credit MR 2 & MR 4 -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at (info@clarkdietrich.com / 888-437-3244)

Project Information
Name: Address:

Contractor Information
Name: Contact: Phone: Fax:

Architect Information
Name: Contact: Phone: Fax: