Product Submittal Sheet

**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
- Leg width: 1.375 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

**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)