Product Submittal Sheet

**Product category:** (TTS) TRAKLOC® Track

**Product name:**

- **362TTS137-24 33ksi G40**
- 3-5/8" TRAKLOC® Track 24 mils (20ga EQ)

- Coating: G40
- Color coding: Pink

**Geometric Properties**

- Inside web depth: 3.625 in
- Weight: 0.542 lb/ft
- Leg width: 1.375 in
- Minimum thickness: 0.0238 in
- Design thickness: 0.0250 in
- Yield stress, Fy: 33 ksi

**Gross Section Properties of Full Section, Strong Axis**

- Gross sectional area (A): 0.159 in²
- Moment of inertia (Ix): 0.335 in⁴
- Radius of gyration (Rx): 1.451 in
- Gross moment of inertia (Iy): 0.029 in⁴
- Gross radius of gyration (Ry): 0.424 in

**Effective Section Properties**

- Effective area (Ae): 0.048 in²
- Moment of Inertia (Ix): 0.258 in⁴
- Section Modulus (Sx): 0.082 in³
- Allowable bending moment (Mal): 2813 in-lbs
- Allowable shear force in web (Vag): 390 lb

**Torsional Properties**

- St. Venant torsion constant (J x 1000): 0.0332 in⁴
- Warping constant (Cw): 0.070 in⁶
- Distance from shear center to neutral axis (Xo): -0.760 in
- Radii of gyration (Ro): 1.692 in
- Torsional flexural constant (Beta): 0.798

**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.

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**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)

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**Project Information**

| Name: | Name: |
| Address: | Contact: |

**Contractor Information**

| Name: | Contact: |
| Phone: | Fax: |

**Architect Information**

| Name: | Contact: |
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