**Product Submittal Sheet**

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

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**Product category:** T125 (1-1/4" Leg Structural Track)  
**Product name:** 362T125-54 (50ksi, CP60) - Unpunched  
54mils (16ga)  
Coating: CP60 per ASTM C955  
Color coding: Green

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**Geometric Properties**

- **Web depth**: 3.823 in  
- **Leg width**: 1.25 in  
- **Design thickness**: 0.0566 in  
- **Min. steel thickness**: 0.0538 in  
- **Yield strength, Fy**: 50 ksi  
- **Ultimate, Fu**: 65.0 ksi  
- ***Fy with Cold-Work, Fya**: 50.0 ksi

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

- **Cross sectional area (A)**: 0.346 in$^2$  
- **Member weight per foot of length**: 1.18 lb/ft  
- **Moment of inertia (Ix)**: 0.723 in$^4$  
- **Section modulus (Sx)**: 0.378 in$^3$  
- **Radius of gyration (Rx)**: 1.445 in  
- **Gross moment of inertia (Iy)**: 0.048 in$^4$  
- **Gross radius of gyration (Ry)**: 0.373 in

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**Effective Section Properties, Strong Axis**

- **Effective Area (Ae)**: 0.225 in$^2$  
- **Moment of inertia for deflection (Ix)**: 0.678 in$^4$  
- **Section modulus (Sx)**: 0.312 in$^3$  
- **Allowable bending moment (Ma)**: 9.34 in-k  
- **Allowable shear force in web**: 3372 lb

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**Torsional Properties**

- **St. Venant torsion constant (J x 1000)**: 0.369 in$^4$  
- **Warping constant (Cw)**: 0.123 in$^6$  
- **Distance from shear center to neutral axis (Xo)**: -0.648 in  
- **Distance between shear center and web centerline (m)**: 0.404 in  
- **Radii of gyration (Ro)**: 1.627 in  
- **Torsional flexural constant (Beta)**: 0.841

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**ASTM & Code Standards:**

- **AISI North American Specification [NASPEC] S100-12**  
- **Effective properties incorporate the strength increase from the cold work of forming**  
- **Gross properties are based on the cross section away from the punchouts**  
- **Structural framing is produced to meet or exceed ASTM C955**  
- **Sheet steel meets or exceeds mechanical and chemical requirements of ASTM A1003**  
- **ClarkDietrich’s structural and nonstructural framing comply with the SFIA Code Compliance Certification Program, IGC-ES ESR-1166P and Intertek CCRR-0206**  
- **For installation & storage information refer to ASTM C1007**  
- **SDS & Product Certification Information is available at itools.clarkdietrich.com**

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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:**  
- **Address:**

**Contractor Information**

- **Name:**
- **Contact:**
- **Phone:**
- **Fax:**

**Architect Information**

- **Name:**
- **Contact:**
- **Phone:**
- **Fax:**

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