**Product Submittal Sheet**

[Image: Product Submittal Sheet]

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

---

**05.40.00 (Cold-Formed Metal Framing)**

**Product Submittal Sheet**

**Product category:** T125 (1-1/4" Leg Structural Track)  
**Product name:** 600T125-43 (33ksi, CP60) - Unpunched  
Coating: CP60 per ASTM C955  
Color coding: Yellow

**Geometric Properties**

- Web depth: 6.161 in
- Leg width: 1.25 in
- Design thickness: 0.0451 in  
  Min. steel thickness: 0.0428 in
- Yield strength, Fy: 33 ksi  
  *Fy with Cold-Work, Fya: 33.0 ksi
- Ultimate, Fu: 45.0 ksi

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

- Cross sectional area (A): 0.383 in²
- Member weight per foot of length: 1.30 lb/ft
- Moment of inertia (Iz): 1.862 in⁴
- Section modulus (Sz): 0.604 in³
- Radius of gyration (Rz): 2.205 in
- Gross moment of inertia (Iy): 0.044 in⁴
- Gross radius of gyration (Ry): 0.337 in

**Effective Section Properties, Strong Axis**

- Effective Area (Ae): 0.181 in²
- Moment of inertia for deflection (Ix): 1.768 in⁴
- Section modulus (Sx): 0.461 in³
- Allowable bending moment (Ma): 9.11 in-k
- Allowable shear force in web: 1377 lb

**Torsional Properties**

- St. Venant torsion constant (J x 1000): 0.260 in⁴
- Warping constant (Cw): 0.307 in⁶
- Distance from shear center to neutral axis (Xo): -0.513 in
- Distance between shear center and web centerline (m): 0.335 in
- Radii of gyration (Ro): 2.289 in
- Torsional flexural constant (Beta): 0.950

**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

---

**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:

---

CD-STRT © 07/18 ClarkDietrich Building Systems