

Product Submittal Sheet

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

Product category: T125 (1-1/4" Leg Structural Track)
Product name: 725T125-54 (50ksi, CP60) - Unpunched

54mils (16ga) Coating: CP60 per ASTM C955

Color coding: Green

Geometric Properties

Web depth 7.448 in Leg width 1.25 in

Design thickness 0.0566 in Min. steel thickness 0.0538 in Yield strength, Fy 50 ksi *Fy with Cold-Work, Fya 50.0 ksi

Ultimate, Fu 65.0 ksi

Gross Section Properties of Full Section, Strong Axis

Cross sectional area (A)	0.551 in ²
Member weight per foot of length	1.88 lb/ft
Moment of inertia (Ix)	3.719 in ⁴
Section modulus (Sx)	0.999 in ³
Radius of gyration (Rx)	2.598 in
Gross moment of inertia (Iy)	0.056 in ⁴
Gross radius of gyration (Ry)	0.318 in

Effective Section Properties, Strong Axis

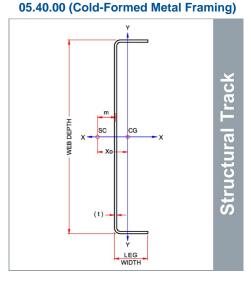
Effective Area (Ae)	0.237 in ²
Moment of inertia for deflection (Ix)	3.511 in⁴
Section modulus (Sx)	0.737 in ³
Allowable bending moment (Ma)	22.07 in-k
Allowable shear force in web	2252 lb

Torsional Properties

St. Venant torsion constant (J x 1000)	0.589 in ⁴
Warping constant (Cw)	0.589 in ⁶
Distance from shear center to neutral axis (Xo)	-0.458 in
Distance between shear center and web centerline (m)	0.304 in
Radii of gyration (Ro)	2.657 in
Torsional flexural constant (Beta)	0.970

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, ICC-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



Used in framing applications:

- Load-bearing walls
- Curtain walls
- Tall interior walls
- Floor & ceiling joists
- Trusses

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	Contractor Information	Architect Information
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Address:	Contact:	Contact:
	Phone:	Phone:
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