

Product Submittal Sheet

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

Product catego	r y: T250	T250 (2-1/2" Leg Structural Track)		05.40.00 (Cold-Formed Metal Framing)
Product name:	350T	250-43 (33ksi, CP60) - Unpi	unched CP60 per ASTM C955	Y T
0	3.661 in 2.5 in 0.0451 in	Min. steel thickness *Fy with Cold-Work, Fya	0.0428 in 33.0 ksi	web DeptH x x 28 38 38 38 38 38 38 38 38 38 38 38 38 38
Gross Section Properties of Full Section, Strong AxisCross sectional area (A)0.383 in²Member weight per foot of length1.30 lb/ftMoment of inertia (Ix)0.896 in⁴Section modulus (Sx)0.490 in³Radius of gyration (Rx)1.530 in				
Gross moment of inertia (Iy) Gross radius of gyration (Ry)			0.257 in⁴ 0.819 in	Used in framing applications:
Effective Section Properties, Strong Axis Effective Area (Ae) Moment of inertia for deflection (Ix) Section modulus (Sx) Allowable bending moment (Ma)			0.180 in ² 0.659 in ⁴ 0.268 in ³ 5.29 in-k	 Load-bearing walls Curtain walls Tall interior walls Floor & ceiling joists

Trusses

Allowable shear force in web

Torsional Properties	
St. Venant torsion constant (J x 1000)	0.260 in⁴
Warping constant (Cw)	0.593 in ⁶
Distance from shear center to neutral axis (Xo)	-1.719 in
Distance between shear center and web centerline (m)	0.996 in
Radii of gyration (Ro)	2.443 in
Torsional flexural constant (Beta)	0.505

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

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).

1739 lb

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
Name:	Name:	Name:
Address:	Contact:	Contact:
	Phone:	Phone:
	Fax:	Fax: