

Product Submittal Sheet

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

Product category: Product name:		T250 (2-1/2" Leg Structural Track) 925T250-54 (50ksi, CP60) - Unpunched 54mils (16ga) Coating: CP60 per ASTM C955			05.40.00 (Cold-Formed Metal Framing)		
					Inched	Y Y	
		-	(109-1)	Color coding:	-		
Geometric Pro Web depth Leg width Design thickness Yield strength, Fy	pertie 9.448 2.5 in 0.056 50 ks	in 6 in	Min. steel t *Fy with Co	-	0.0538 in 50.0 ksi		ral Track
Ultimate, Fu	65.0 ł						Structural
Gross Section		rties of	Full Sect	ion, Strong			2
Cross sectional area (A)					0.806 in ²		St
Member weight per foot of length					2.74 lb/ft	(1)	
Moment of inertia (Ix)					9.957 in ⁴		
Section modulus (Sx)					2.108 in ³ 3.515 in	Y LEG	
Radius of gyration (Rx) Gross moment of inertia (Iy)					0.421 in ⁴	WIDTH	
Gross radius of gy	•	• ·			0.723 in	Used in framing applications:	
Effective Section	on Pro	opertie	s, Strona /	Axis		 Load-bearing walls 	
Effective Area (Ae)					0.248 in ²	 Curtain walls 	
Moment of inertia for deflection (Ix)					8.343 in ⁴	 Tall interior walls 	
Section modulus (Sx)					1.101 in ³		
Allowable bending moment (Ma)					32 98 in-k	 Floor & ceiling joists 	

32.98 in-k

1761 lb

Trusses

Torsional Properties

Allowable bending moment (Ma)

Allowable shear force in web

St. Venant torsion constant (J x 1000)	0.861 in⁴
Warping constant (Cw)	6.795 in ⁶
Distance from shear center to neutral axis (Xo)	-1.186 in
Distance between shear center and web centerline (m)	0.757 in
Radii of gyration (Ro)	3.780 in
Torsional flexural constant (Beta)	0.902

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).

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: