

Product Submittal Sheet

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

Product category: Product name:		T125 (1-1/4" Leg Structural Track)			05.40.00 (Cold-Formed Metal Framing)	
		550T125-97 (50ksi, CP60) - Unpunched				
		5711113 (Coating Coating	:CP60 per ASTM C955 :Red		
Geometric Pro	perties	5				×
Web depth	5.856	in				Track
Leg width Design thickness	1.25 ir 0.1017		Min. steel thickness	0.0966 in		
Yield strength, Fy Ultimate, Fu	50 ksi 65.0 k	si	*Fy with Cold-Work, Fya	50.0 ksi		Structural
Gross Section	Prope	ties of	Axis		nci	
Cross sectional ar	ea (A)			0.811 in ²		St.
Member weight pe	Member weight per foot of length				(t)	0)
Moment of inertia	(Ix)			3.484 in ⁴		
Section modulus (Sx)			1.190 in ³	Ý	
Radius of gyration	(Rx)			2.072 in 0.090 in⁴	UEG WIDTH	
	Gross moment of inertia (ly)					
Gross radius of gy	ration (F	Ry)		0.334 in	Used in framing applications:	
Effective Section	on Pro	perties	. Strong Axis		 Load-bearing walls 	
Effective Area (Ae			,	0.653 in ²	 Curtain walls 	
Moment of inertia for deflection (Ix)				3.484 in ⁴	 Tall interior walls 	
Section modulus (Sx)				1.190 in ³		
Allowable bending moment (Ma)				40.01 in-k	 Floor & ceiling joists 	
		(T	

10197 lb

Trusses

Torsional Properties

Allowable shear force in web

St. Venant torsion constant (J x 1000)	2.797 in⁴
Warping constant (Cw)	0.564 in ⁶
Distance from shear center to neutral axis (Xo)	-0.514 in
Distance between shear center and web centerline (m)	0.333 in
Radii of gyration (Ro)	2.161 in
Torsional flexural constant (Beta)	0.943

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 -- Clark Dietrich'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: