

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)	
		550T125-43 (33ksi, CP60) - Unpunched			Y		
		43mils	(18ga)	Coating: Color coding:	CP60 per ASTM C955 Yellow		
Geometric Pro	perties	5					×
Web depth Leg width	5.661 1.25 ir	in				m	Track
Design thickness	0.0451		Min. steel th	nickness	0.0428 in		
Yield strength, Fy	33 ksi		*Fy with Co	ld-Work, Fya	33.0 ksi		ភ
Ultimate, Fu	45.0 k	si				₩ - ×o	tur
Gross Section	Prope	ties o	f Full Secti	on, Strong	Axis		Structural
Cross sectional are	Cross sectional area (A)				0.360 in ²		
Member weight pe	Member weight per foot of length				1.23 lb/ft	(t)	0)
Moment of inertia (Ix)					1.510 in⁴		
Section modulus (Sx)					0.534 in ³	Y	
Radius of gyration	Radius of gyration (Rx)				2.047 in	UIDTH	
Gross moment of i	Gross moment of inertia (ly)				0.043 in ⁴		
Gross radius of gy	ration (F	Ry)			0.344 in	Used in framing applications:	
Effective Section	on Pro	pertie	s. Strong 4	xis		 Load-bearing walls 	
Effective Section Properties, Strong Axis Effective Area (Ae)					0.180 in ²	Curtain walls	
	Moment of inertia for deflection (Ix)				1.428 in ⁴	Tall interior walls	
Section modulus (Sx)					0.417 in ³		
Allowable bending moment (Ma)					8.23 in-k	 Floor & ceiling joists 	
,		(1110)				T	

Trusses

Torsional Properties

Allowable shear force in web

St. Venant torsion constant (J x 1000)	0.244 in ⁴	
Warping constant (Cw)	0.252 in ⁶	
Distance from shear center to neutral axis (Xo)	-0.537 in	
Distance between shear center and web centerline (m)	0.348 in	
Radii of gyration (Ro)	2.144 in	
Torsional flexural constant (Beta)	0.937	

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).

1504 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: