

Product Submittal Sheet

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

Product catego	ory: T12	T125 (1-1/4" Leg Structural Track) 600T125-97 (50ksi, CP60) - Unpunched 97mils (12ga) Coating: CP60 per ASTM C955		05.40.00 (Cold-Formed Metal Fran
Product name:	600			
		Color coding		
Geometric Pro	perties	-		
Web depth	6.356 in			
Leg width	1.25 in			m
Design thickness	0.1017 in	Min. steel thickness	0.0966 in	H SC CG
Yield strength, Fy	50 ksi	*Fy with Cold-Work, Fya	50.0 ksi	
Ultimate, Fu	65.0 ksi			× - xo
Gross Section	Properties	s of Full Section, Strong	Axis	
Cross sectional ar	ea (A)		0.862 in ²	
Member weight pe	Member weight per foot of length			(t)
Moment of inertia	(Ix)		4.282 in ⁴	
Section modulus (Sx)			1.348 in ³	Ý
Radius of gyration	(Rx)		2.229 in	UEG WIDTH
Gross moment of inertia (ly)			0.092 in⁴	
Gross radius of gy	ration (Ry)		0.327 in	Used in framing applications:
Effective Secti	on Proper	 Load-bearing walls 		
		Curtain walls		
Effective Area (Ae) Moment of inertia for deflection (Ix)			0.661 in ² 4.281 in ⁴	 Tall interior walls
Section modulus (Sx)			1.347 in ³	
Allowable bending moment (Ma)			45.31 in-k	 Floor & ceiling joists
, shable bending		~,		T

10885 lb

Trusses

Torsional Properties

Allowable shear force in web

St. Venant torsion constant (J x 1000)	2.973 in⁴
Warping constant (Cw)	0.685 in ⁶
Distance from shear center to neutral axis (Xo)	-0.491 in
Distance between shear center and web centerline (m)	0.321 in
Radii of gyration (Ro)	2.305 in
Torsional flexural constant (Beta)	0.955

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:

Framing)



