

Product Submittal Sheet

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

Product category:		T250 (2-1/2" Leg Structural Track)					05.40.00 (Cold-Forme	
Product name:	-	,	•	i, CP60) - Unpu				Y
		33mils	(20ga)	Coating:	CP60 per ASTM C955			╈
				Color coding:	White			
Geometric Pro	perties	5						
Web depth	6.146	in						
Leg width	2.5 in						m	
Design thickness	0.0346	3 in	Min. steel	thickness	0.0329 in		HE SC	CG
Yield strength, Fy	33 ksi		*Fy with C	old-Work, Fya	33.0 ksi			•
Ultimate, Fu	45.0 k	si	-				₩ - Xo	-
Gross Section	Proper	ties o	f Full Sect	tion, Strong	Axis			
Cross sectional are	ea (A)				0.380 in ²			
Member weight per foot of length					1.29 lb/ft		(t)	-
Moment of inertia (Ix)					2.236 in ⁴			+
Section modulus (Sx)					0.728 in ³			Y
Radius of gyration (Rx)					2.424 in		L_,	LEG WIDTH
Gross moment of inertia (ly)					0.233 in⁴			
Gross radius of gy	ration (F	Ry)			0.783 in	Used in	n framing a	ipp
Effective Section Properties, Strong Axis					• Load-	bearing wa	alls	
Effective Area (Ae)		pertie	s, strong	ЛЛІЭ	0 115 in ²	Curtai	n walls	

Effective Area (Ae) 0.115 in Moment of inertia for deflection (Ix) 1.681 in⁴ Section modulus (Sx) 0.332 in³ Allowable bending moment (Ma) 6.56 in-k Allowable shear force in web 622 lb

This section does not meet the requirements of AISI North American Specifications. Increase the thickness or contact ClarkDietrich Technical Services @ 888-437-3244 for design solutions.

Torsional Properties

St. Venant torsion constant (J x 1000)	0.152 in⁴
Warping constant (Cw)	1.543 in ⁶
Distance from shear center to neutral axis (Xo)	-1.441 in
Distance between shear center and web centerline (m)	0.880 in
Radii of gyration (Ro)	2.927 in
Torsional flexural constant (Beta)	0.758

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:**

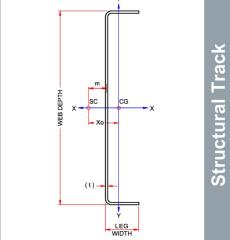
For more details and LEED letters contact Technical Services at 888-437-3244 or visit www.clarkdietrich.com/LEED

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:





plications:

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- Tall interior walls
- Floor & ceiling joists
- Trusses