

Product Submittal Sheet

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

Product catego			ge Structural Stu	05.40.00 (Cold-Formed Metal Framir	
Product name:			si, CP60) P - Pur		
	43mi	s (18ga)	Coating: Color coding:	CP60 per ASTM C955 Yellow	L L L
Geometric Pro	perties		3		
Veb depth	6.000 in				
lange width	1.375 in	Punchout	width	1.50 in	m
Stiffening lip	0.375 in	Punchout		4.00 in	
Design thickness	0.0451 in		thickness	0.0428 in	
ield strength, Fy	33 ksi		old-Work, Fya	33.0 ksi	Š ⊨ Xo
Iltimate, Fu	45.0 ksi		•		
oross Section	Properties	of Full Sec	tion, Strong /	Axis	
cross sectional ar				0.413 in ²	(t)
lember weight pe		า		1.41 lb/ft	
Ioment of inertia				2.042 in ⁴	
Section modulus (Sx)				0.681 in ³	
Radius of gyration				2.224 in	
Gross moment of inertia (ly)				0.087 in ⁴	Used in framing applications:
Gross radius of gyration (Ry)				0.459 in	• Load-bearing walls
Effective Section Properties, Strong Axis					• Curtain walls
Effective Area (Ae)				0.222 in ²	Tall interior walls
Moment of inertia for deflection (Ix)				2.041 in ^₄ 0.645 in ³	
Section modulus (Sx) Allowable bending moment (Ma)				12.74 in-k	 Floor & ceiling joists
Allowable moment based on distortion buckling (Mad)				11.83 in-k	Trusses
Allowable shear force in web (solid section)				1416 lb	
Allowable shear force in web (perforated section)				1240 lb	
Unbraced length (Lu)				33.3 in	
orsional Prop	erties				
St. Venant torsion constant (J x 1000)				0.280 in ⁴	⁴
Warping constant (Cw)				0.633 in ⁶	
Distance from shear center to neutral axis (Xo)				-0.796 in	Ŕ
Distance between shear center and web centerline (m)				0.513 in	
Radii of gyration (Ro) Torsional flexural constant (Beta)				2.406 in	
orsional flexural o	constant (Beta)		0.890	1.5"
ASTM & Code Standards:					Structural Punchout
AISI North America * Effective propertie					
Gross properties a	e based on the	East market punchout spacing: 12" from lead end then 24" o.c.			
 Structural framing is produced to meet or exceed ASTM C955 Sheet steel meets or exceeds mechanical and chemical requirements of ASTM A1003 					West market nunshould angeing
ClarkDietrich's structural and nonstructural framing comply with the SFIA Code Compliance Certification Program, ICC-ES ESR-1166P and Intertek CCRR-0206					West market punchout spacing: 24" from lead end then 24" o.c.
For installation & st SDS & Product Cer				etrich.com	
ustainability Cred	lite				
		uto at Ta alemiaa		37-3244 or visit www.clarkdi	atviale as w // FED

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: