

Product Submittal Sheet

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

TradeReady® Floor Joist

Product category		1-3/4" Flange 18ga Trad		Joist		
Product name	roduct name 725TDJ175-43 (33ksi) - Punched		d	Finish: CP60		
Flange width: 1.	erties 250 in 750 in 625 in	Knock Out Shape: Elli Knock Out Height: 4-1 Knock Out Width: 7" Small Hole Dia.: 1-1	•	Design thickness: Min. steel thickness: Yield stress, Fy: Ultimate, Fu:	0.0451 in 0.0428 in 33ksi 45 ksi	
Gross Section P Cross sectional are Member weight per Moment of inertia (I Radius of gyration (Gross moment of in Gross radius of gyr	a (Å) foot of len x) (Rx) nertia (ly)			0.526 in(^2) 1.721 lbs/ft 3.901 in(^4) 2.724 in 0.206 in(^4) 0.627 in		
Net Section Pro Cross sectional are Moment of inertia (I Radius of gyration (Gross moment of ir Gross radius of gyr	a (A) x) (Rx) nertia (ly)	t knockout)		0.372 in(^2) 3.793 in(^4) 3.194 in 0.152 in(^4) 0.639 in		MEB DEPTH
	able Mome able Mome Knockout (Full Sectio	n (Va-full)		17,829 in-lbs 19,391 in-lbs 952 lbs 1,163 lbs		GROSS SECTION
Distance between o	centroid an centroid an l constant (constant (C o)	d shear-center (Xo) d web-centerline (X) J*1000) w)		-1.138 in 0.414 in 0.356 (in^4) 2.249 (in^6) 3.018 in 0.858		HL 0.6875 KNOCKOUT DEPTH
Effective Section Moment of inertia (I Section modulus (S	x) Sx)			3.836 (in^4) 0.981 (in^3)		
 Structural framing 	can Specifi is produce	: cation [NASPEC] 2004 ed to meet or exceed AS		romento of ACTM A1000		NET SECTION

- Structural framing is produced to meet or exceed ASTM C955
- Sheet steel meets or exceeds mechanical and chemical requirements of ASTM A1003
- SDS & Product Certification Information is available at www.clarkdietrich.com/SupportDocs
- U.S. Patent Nos. 6,301,854; 6,691,478; 6,418,694; 6,691,487; 6,761,005; 7,240,459
- Canadian Patent No. 2319346, Mexican Patent No. 243294

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:





