

TradeReady® Rim Track

Product category	14" 12ga TradeReady Rim Track with preformed tabs
Product name	1400TD250-97 (50ksi) - w/ tabs
Finish	CP60

Geometric Properties

Inside Web depth	14.000 in	Design thickness	0.1017 in
Top leg width	1.250 in	Min. steel thickness	0.0966 in
Bottom leg width	2.500 in	Yield stress, Fy	50 ksi
Tab depth	6.000 in	Ultimate, Fu	65 ksi

Gross Section Properties of Full Section

Cross sectional area (A)	1.790 in ⁽²⁾
Member weight per foot of length	5.856 lbs/ft
Moment of inertia (Ix)	40.996 in ⁽⁴⁾
Section modulus (Sx)	5.392 in ⁽³⁾
Gross moment of inertia (Iy)	0.478 in ⁽⁴⁾
Section modulus (Sy)	0.214 in ⁽³⁾

Net Section Properties (at tab)

Cross sectional area (A)	1.180 in ⁽²⁾
Moment of inertia (Ix)	38.936 in ⁽⁴⁾

Capacity at Tab Hole

Fully Braced Allowable Moment @ Hole when Small Flange is in Compression (Mpos)	94430 in-lbs
Fully Braced Allowable Moment @ Hole when Large Flange is in Compression (Mneg)	102214 in-lbs
Allowable Shear at Tab Hole (Va)	4577 lbs

Torsional Section Properties:

Distance between centroid and shear-center (Xo)	-0.474 in
Distance between centroid and web-centerline (X)	0.211 in
St. Venant torsional constant (J*1000)	0.006171 (in ⁴)
Torsional warping constant (Cw)	7.693 (in ⁶)
Radius of gyration (Ro)	6.590 in
Torsional flexural constant (Beta)	1.011 in

Product Data & Ordering Information:

Length	12'-0" long pieces
Tabs spaced at:	12", 16", 19.2" or 24" intervals

ASTM & Code Standards:

- AISI North American Specification [NASPEC] 2004
- 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

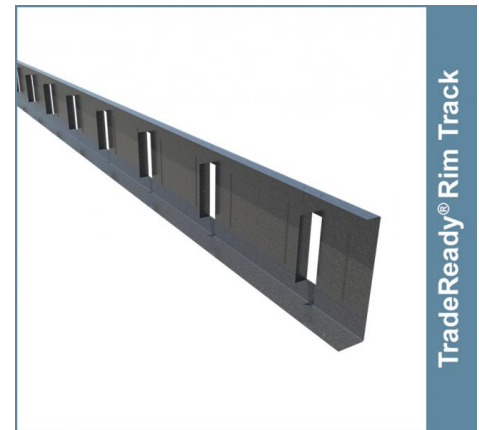
Sustainability Credits:

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).

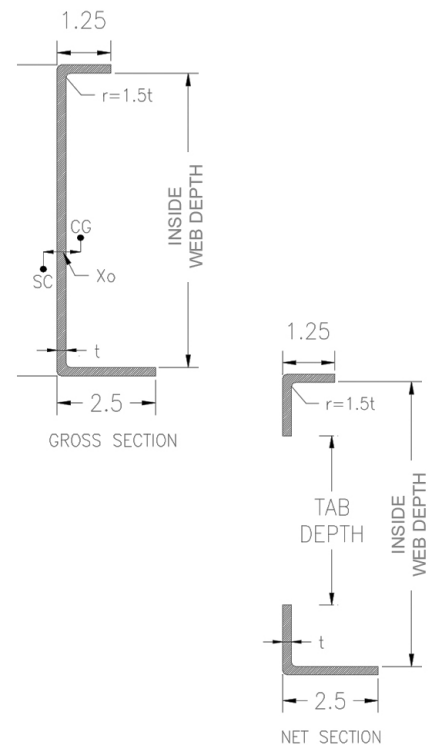
LEED 2009 Credit MR 2 & MR 4 -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at (info@clarkdietrich.com / 888-437-3244)

05.40.00 (Cold-Formed Metal Framing)



TradeReady® Rim Track

- Eliminates or drastically reduces support clips, joist hangers and web stiffeners
- Sizes include 7-1/4", 8", 9-1/4", 10", 11-1/4", 12" and 14".



Project Information

Name:
Address:

Contractor Information

Name:
Contact:
Phone:
Fax:

Architect Information

Name:
Contact:
Phone:
Fax: