

## TradeReady® Rim Track

Product category	8" 12ga TradeReady Rim Track with preformed tabs		
Product name	800TD250-97 (50ksi) - w/ tabs		
Finish	CP60		

### Geometric Properties

Inside Web depth	8.000 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	4.000 in	Ultimate, Fu	65 ksi

### Gross Section Properties of Full Section

Cross sectional area (A)	1.180 in <sup>(2)</sup>
Member weight per foot of length	3.859 lbs/ft
Moment of inertia (Ix)	10.117 in <sup>(4)</sup>
Section modulus (Sx)	2.229 in <sup>(3)</sup>
Gross moment of inertia (Iy)	0.436 in <sup>(4)</sup>
Section modulus (Sy)	0.205 in <sup>(3)</sup>

### Net Section Properties (at tab)

Cross sectional area (A)	0.773 in <sup>(2)</sup>
Moment of inertia (Ix)	9.456 in <sup>(4)</sup>

### Capacity at Tab Hole

Fully Braced Allowable Moment @ Hole when Small Flange is in Compression (Mpos)	52239 in-lbs
Fully Braced Allowable Moment @ Hole when Large Flange is in Compression (Mneg)	56911 in-lbs
Allowable Shear at Tab Hole (Va)	6588 lbs

### Torsional Section Properties:

Distance between centroid and shear-center (Xo)	-0.682 in
Distance between centroid and web-centerline (X)	0.321 in
St. Venant torsional constant (J*1000)	0.004067 (in <sup>4</sup> )
Torsional warping constant (Cw)	2.194 (in <sup>6</sup> )
Radius of gyration (Ro)	3.843 in
Torsional flexural constant (Beta)	1.046 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](http://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

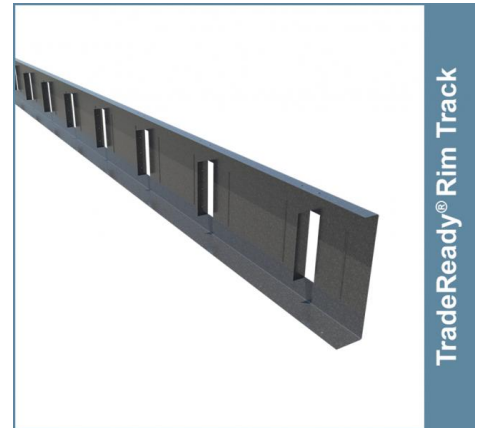
### Sustainability Credits:

For more details and LEED letters contact Technical Services at 888-437-3244 or visit [www.clarkdietrich.com/LEED](http://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).

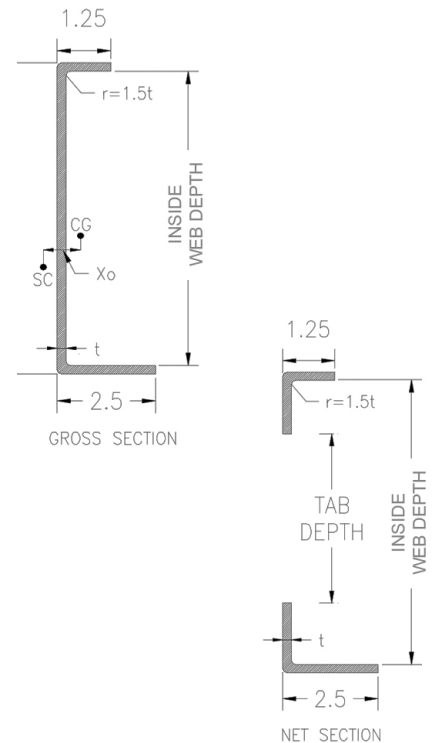
**LEED 2009 Credit MR 2 & MR 4** -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at ([info@clarkdietrich.com](mailto:info@clarkdietrich.com)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