

**Expanding Your Solutions** 

#### **Corporate Headquarters**

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# Manufacturing Facilities

City of Industry, CA Denver, CO Ft. Worth, TX Pittsburg, CA

## Structural Engineering/Design

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#### **Technical Services**

13191 Crossroads Pkwy N., Ste 325 City of Industry, CA 91746 **Phone:** 800.416.2278 **Fax:** 626.249.5004

# 1400SSTT200-97 SURE-SPAN™ RIMTRACK WITH PRE-SPACED TABS

## **Geometric Properties**

1400SSTT200-97 Sure-Span™ Rim Track is manufactured with a 2" leg/flange, in 97 mil thickness. All SSTT rim tracks have pre-punched tabs located at 12", 16", or 24" on-center configurations. SSTT rim tracks are available in 16' or 32' lengths. All CEMCO SSTT Rim-Tracks are designed to be used with structural load-bearing SSCJ SureSpan floor joists or CEMCO C-Studs/joists that are produced from hot-dipped galvanized steel in standard CP60 coating weight. CP90 is available upon special request.

## **Steel Thickness**

Mil Thickness	Design Thickness (in.) <sup>1</sup>	Minimum Thickness (in.) <sup>1,2</sup>	Color Code (painted on ends)			
97	0.1017" (2.58 mm)	0.0966" (2.45 mm)	Red			

- 1. Uncoated Steel Thickness. Thickness is for carbon sheet steel.
- Minimum Thickness represents 95% of the design thickness and is the minimum acceptable thickness delivered to the job site, based on AISI S100.

#### **ASTM's & Code Standards**

- ASTM A653/A653M, A924/A924M, & A1003/A1003M, C955, C1007
- UL Classified and UL Certified (UL FUS)
- UL G556, G557, G559, G560, G565, G574, G580, G588, G595, H503, H508, P546, P561, P562
- IBC: 2012, 2015, 2018, 2021
- CBC: 2013, 2016, 2019
- AISI: S100, S200, S240

## LEED v4 for Building and Design Construction

- MR Prerequisite: Construction and Demolition Waste Management Planning.
- MR Credit: Construction and Demolition Waste Management.
- MR Credit: Building Product Disclosure and Optimization Sourcing of Raw Materials, Option 2.
- MR Credit: Building Product Disclosure and Optimization Environmental Product Declarations, Options 1 & 2.
- MR Credit: Building Product Disclosure and Optimization Material Ingredients, Option 1.
- MR Credit: Building Life-Cycle Impact Reduction, Option 4.

# CEMCO cold-formed steel framing products contain 30% to 37% recycled steel.

- Total Recycled Content: 36.9%
- Post-Consumer: 19.8%
- Pre-Consumer: 14.4%

# 1400SSTT200-97 Structural Properties & Load Capacities

14005511200-97 Structural Properties & Load Capacities																			
	Dimensions			Gross Section Properties							Torsional Properties					Capacities			
H (in)	Gauge	T (in)	Weight (plf)	Area (in²)	lx (in <sup>4</sup> )	ly (in <sup>4</sup> )	<b>Sx</b> (in³)	Sy (in³)	Rx (in)	Ry (in)	<b>Xo</b> (in)	<b>Jx1000</b> (in <sup>4</sup> )	Cw (in <sup>6</sup> )	Ro (in)	ß	Mat (k-in)	<b>Vat</b> (k)	Maf (k-in)	<b>Vaf</b> (k-in)
14.203	12	0.1017	6.164	1.813	42.587	0.421	5.997	1.593	4.847	0.482	-0.664	6.250	16.219	4.916	0.982	120.820	4.539	133.230	6.835

#### Notes

- 1. The yield strength, Fy, is 33 ksi for 18 gauge and 50 ksi for 16, 14, and 12 gauge steel
- 2. Rim Track slits are provided according to the spacing of joist; standard spacings are 12", 16", and 24".

#### **Technical Services**

Technical Services: 800.416.2278 Structural Engineering/Design: 925.473.9340 www.cemcosteel.com





