Sales: (888) 248-8076 Fax: (847)680-7883 www.mbastuds.com

# Submittal Data - Structural Track

## Member Designator

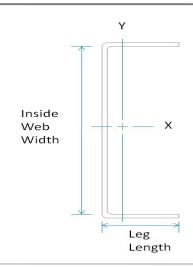
400T125-68

**CP60** 

## **Physical Properties**

Coating

**Design Thickness** 0.0713 in Mil 68 mil Gauge 14 Gauge Inside Web Width 4.00 in Leg Length 1.25 in **Yield Strength** 33 ksi



## **Gross Properties**

Gross Properties								
Area	Weight	lx	Sx	Rx	ly	Ry		
(in <sup>2</sup> )	(lb/ft)	(in <sup>4</sup> )	(in <sup>3</sup> )	(in)	(in <sup>4</sup> )	(in)		
0.462	1.57	1.150	0.541	1.577	0.061	0.363		

### **Effective Properties**

Effective Properties (33ksi)							
lxe	Sxe	Ma	Vag				
(in⁴)	(in <sup>3</sup> )	(in-k)	(lb)				
1.150	0.517	10.22	3435				

# **Torsional Properties**

Torsional								
J <sup>x1000</sup>	Cw	Хо	m	Ro	β			
(in⁴)	(in <sup>6</sup> )	(in)	(in)	(in)				
0.783	0.194	-0.614	0.386	1.731	0.874			

#### **General Notes**

- 1. Physical properties and load tables have been calculated in conformance with the 2001 NASPEC for the Design of Cold-Formed Steel Structural Members, including the 2004 Supplement, and the IBC 2006, unless noted otherwise.
- 2. Drywall framing members have a protective coating conforming to ASTM spec A 653/A 653M, G-40 min, or equivalent corrosion resistance.
- 3. Reference ASTM specification A 1003/A 1003 M table 1 for the universe of allowable coatings for light gauge steel framing.
- 4. Drywall framing members are marked with product information per the requirements of ASTM C 645 section 14.
- 5. All delivered material must be kept dry, preferably by being stored inside a building under a roof. If it is necessary to store material outside, it must be stacked off the ground, properly supported on a level platform, and fully protected from the weather. Reference ASTM C 754 section 8 and ASTM C 1007 section 4.
- 6. Drywall framing [nonstructural 25 gauge, 22 gauge and 20 gauge] is not permitted in load bearing (i.e. axial load greater than 200 lbs.) or exterior applications (i.e. transverse load greater than 10 PSF). Reference ASTM C 645 section 3.2.2.

#### **LEED Green Building Credits**

MR Credit 2: Construction Waste Management – MBA steel framing is 100% recyclable.

MR Credit 4: Recycled Content – MBA steel framing is formed from no less than 25.5% post-consumer and 6.8% pre-consumer recycled content.

MR Credit 5: Regional Materials – MBA has manufacturing facilities in multiple states.

