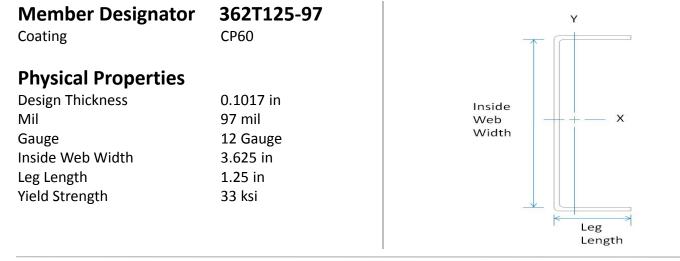


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Submittal Data – Structural Track



Gross Properties							
Area	Weight	Ix	Sx	Rx	ly	Ry	
(in ²)	(lb/ft)	(in ⁴)	(in ³)	(in)	(in ⁴)	(in)	
0.621	2.11	1.343	0.675	1.471	0.082	0.363	

Gross Properties

Effective Properties (33ksi)							
lxe	Sxe	Ma	Vag				
(in ⁴)	(in ³)	(in-k)	(lb)				
1.343	0.675	15.24	4370				

Torsional Properties

Effective Properties

	Torsional							
J ^{x1000}	Cw	Хо	m	Ro	β			
(in ⁴)	(in ⁶)	(in)	(in)	(in)				
2.320	0.226	-0.626	0.390	1.639	0.854			

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.

