



Expanding Your Solutions

Corporate Headquarters
13191 Crossroads Pkwy N., Ste 325
City of Industry, CA 91746
Phone: 800.775.2362
Fax: 626.330.7598
www.cemcosteel.com

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

Structural Engineering/Design
1001-A Pittsburgh Antioch Hwy
Pittsburg, CA 94565
Phone: 800.775.2362
Fax: 626.330.7598
www.cemcoengineering.com

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

600T200-54 "T" UN-PUNCHED TRACK (16 Ga. STRUCTURAL)

Geometric Properties

"T" tracks are fabricated in 54-mil thick galvanized steel in standard CP60 coating weight. CP90 is available upon special request, and may require up-charges and extended lead times.

Physical Properties

| Model No. | Design Thickness (in) | Minimum Thickness (in) | Yield (ksi) | Coating ^{3,4} | Web Depth (in) | Leg Size (in) |
|------------|-----------------------|------------------------|-------------|------------------------|----------------|---------------|
| 600T200-54 | 0.0566 | 0.0538 | 50 | CP60 | 6 | 2 |

Notes:

1. Uncoated steel thickness. Thickness is for carbon sheet steel.
2. Minimum thickness represents 95% of the design thickness and is the minimum acceptable thickness.
3. Per ASTM C955 & A1003, Table 1.
4. CP90 available upon request. Will require extended lead time and upcharge.

Color Code (painted on ends): 54-mil: Green

ASTM & Code Standards:

- ASTM A653/A653M, A924/A924M, A1003/1003, C955 & C1007
- ICC-ES & SFIA Code Compliance Certification Program
- ICC ESR-3016
- ATI CCRR-0224
- IBC: 2012, 2015, 2018
- CBC: 2013, 2016
- AISI: S100-07, S100-12, S100-16, S200-12, S240-15

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%

CSI Division: 05.40.00 – Cold-Formed Metal Framing



600T200-54 Track Properties³

| Design Thickness (in.) | F _y (ksi) | Gross ² | | | | | Effective Properties | | | | Torsional Properties | | | | | |
|------------------------|----------------------|-----------------------------------|-----------------------------------|---------------------|-----------------------------------|---------------------|-----------------------------------|-----------------------------------|-----------|----------|---------------------------------------|-----------------------------------|---------------------|--------|---------------------|-------|
| | | I _x (in ⁴) | S _x (in ³) | R _x (in) | I _y (in ⁴) | R _y (in) | I _x (in ⁴) | S _x (in ³) | Ma (in-k) | Vag (lb) | J _{x1000} (in ⁴) | C _w (in ⁶) | X _o (in) | m (in) | R _o (in) | β |
| 0.0566 | 50 | 3.145 | 1.015 | 2.359 | 0.203 | 0.600 | 2.641 | 0.717 | 21.48 | 2728 | 0.604 | 1.381 | -1.038 | 0.649 | 2.646 | 0.846 |

Notes: 1. Web-height to thickness ratio, h/t, exceeds 200. Web Stiffeners designed in accordance with AISI are required at support points and concentrated loads. 2. Gross properties are based on the full, unreduced cross-section. 3. Use the effective moment of inertia for deflection calculation.

Check the updated list of Certified Production Facilities at Intertek's website at <http://www.intertek.com/building/sfia>



This technical information reflects the most current information available and supersedes any and all previous publications effective November 07, 2018.

11-07-18 AT