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## 550T200-54 "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 <sup>3,4</sup> | Web Depth (in) | Leg Size (in) |
|------------|-----------------------|------------------------|-------------|------------------------|----------------|---------------|
| 550T200-54 | 0.0566                | 0.0538                 | 50          | CP60                   | 5-1/2          | 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: 2015, 2018, 2021
- CBC: 2019, 2022
- 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%

**CSI Division:** 05.40.00 – Cold-Formed Metal Framing



### 550T200-54 Track Properties<sup>3</sup>

| Design Thickness (in.) | F <sub>y</sub> (ksi) | Gross <sup>2</sup>                |                                   |                     |                                   |                     | Effective Properties              |                                   |           |                      | Torsional Properties                  |                                   |                     |        |                     |       |
|------------------------|----------------------|-----------------------------------|-----------------------------------|---------------------|-----------------------------------|---------------------|-----------------------------------|-----------------------------------|-----------|----------------------|---------------------------------------|-----------------------------------|---------------------|--------|---------------------|-------|
|                        |                      | I <sub>x</sub> (in <sup>4</sup> ) | S <sub>x</sub> (in <sup>3</sup> ) | R <sub>x</sub> (in) | I <sub>y</sub> (in <sup>4</sup> ) | R <sub>y</sub> (in) | I <sub>x</sub> (in <sup>4</sup> ) | S <sub>x</sub> (in <sup>3</sup> ) | Ma (in-k) | V <sub>ag</sub> (lb) | J <sub>x1000</sub> (in <sup>4</sup> ) | C <sub>w</sub> (in <sup>6</sup> ) | X <sub>o</sub> (in) | m (in) | R <sub>o</sub> (in) | β     |
| 0.0566                 | 50                   | 2.578                             | 0.905                             | 2.191               | 0.199                             | 0.609               | 2.153                             | 0.630                             | 18.86     | 2980                 | 0.573                                 | 1.133                             | -1.077              | 0.668  | 2.517               | 0.817 |

**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 May 1, 2024.

05/01/2024 AT