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800T150-97 "T" UN-PUNCHED TRACK (12 Ga. STRUCTURAL)

Geometric Properties

"T" tracks are fabricated in 97-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) |
|------------|-----------------------|------------------------|-------------|------------------------|----------------|---------------|
| 800T150-97 | 0.1017 | 0.0966 | 50 | CP60 | 8 | 1-1/2 |

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): 97-mil: Red

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

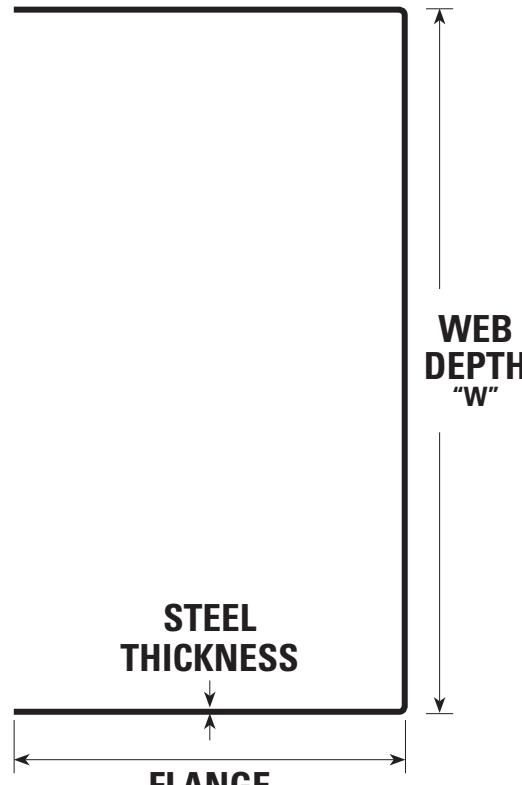
LEED v4 for Building and Design Construction

- 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



800T150-97 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) | M _a (in-k) | V _{ag} (lb) | J _{x1000} (in ⁶) | C _w (in ⁶) | X _o (in) | m (in) | R _o (in) | B | |
| 0.1017 | 50 | 9.479 | 2.269 | 2.914 | 0.165 | 0.384 | 9.479 | 2.192 | 65.62 | 10885 | 3.849 | 2.162 | -0.564 | 0.372 | 2.993 | 0.965 | |

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 13, 2018.

11-13-18 AT