Product Submittal Sheet

Product category: T125 (1-1/4" Leg Structural Track)
Product name: 600T125-43 (33ksi, CP60) - Unpunched

Coating: CP60 per ASTM C955
Color coding: Yellow

Geometric Properties

Web depth 6.161 in
Leg width 1.25 in
Design thickness 0.0451 in
Min. steel thickness 0.0428 in
Yield strength, Fy 33 ksi
Ultimate, Fu 45.0 ksi

Effective Section Properties, Strong Axis

Effective Area (Ae) 0.181 in²
Moment of inertia for deflection (Ix) 1.768 in⁴
Section modulus (Sx) 0.461 in³
Allowable bending moment (Ma) 9.11 in-k
Allowable shear force in web 1377 lb

Torsional Properties

St. Venant torsion constant (J x 1000) 0.260 in⁴
Warping constant (Cw) 0.307 in⁶
Distance from shear center to neutral axis (Xo) -0.513 in
Distance between shear center and web centerline (m) 0.335 in
Radii of gyration (Ro) 2.289 in
Torsional flexural constant (Beta) 0.950

ASTM & Code Standards:

- AISI North American Specification [NASPEC] S100-12
- Effective properties incorporate the strength increase from the cold work of forming
- Gross properties are based on the cross section away from the punchouts
- Structural framing is produced to meet or exceed ASTM C955
- Sheet steel meets or exceeds mechanical and chemical requirements of ASTM A1003
- ClarkDietrich's structural and nonstructural framing comply with the SFIA Code Compliance Certification Program, ICC-ES ESR-1166P and Intertek CCRR-0206
- For installation & storage information refer to ASTM C1007
- SDS & Product Certification Information is available at itools.clarkdietrich.com

Sustainability Credits:

For more details and LEED letters contact Technical Services at 888-437-3244 or visit www.clarkdietrich.com/LEED
LEED v4 MR Credit -- Building Product Disclosure and Optimization: EPD (1 point) - Sourcing of Raw Materials (1 point) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points) - Innovation Credit (up to 2 points).
LEED 2009 Credit MR 2 & MR 4 -- ClarkDietrich's steel products are 100% recyclable and have a national average recycled content of 34.2% (19.8% post-consumer and 14.4% pre-consumer). If seeking a higher number to meet Credit MR 5, please contact us at (info@clarkdietrich.com / 888-437-3244)