Product Submittal Sheet

Product category: T125 (1-1/4" Leg Structural Track)
Product name: 362T125-54 (50ksi, CP60) - Unpunched
54mils (16ga)

Coating: CP60 per ASTM C955
Color coding: Green

Geometric Properties
Web depth 3.823 in
Leg width 1.25 in
Design thickness 0.0566 in  Min. steel thickness 0.0538 in
Yield strength, Fy 50 ksi  *Fy with Cold-Work, Fya 50.0 ksi
Ultimate, Fu 65.0 ksi

Gross Section Properties of Full Section, Strong Axis
Cross sectional area (A) 0.346 in²
Member weight per foot of length 1.18 lb/ft
Moment of inertia (Ix) 0.723 in⁴
Section modulus (Sx) 0.378 in³
Radius of gyration (Rx) 1.445 in
Gross moment of inertia (Iy) 0.048 in⁴
Gross radius of gyration (Ry) 0.373 in

Effective Section Properties, Strong Axis
Effective Area (Ae) 0.225 in²
Moment of inertia for deflection (Ixx) 0.678 in⁴
Section modulus (Sx) 0.312 in³
Allowable bending moment (Ma) 9.34 in-k
Allowable shear force in web 3372 lb

Torsional Properties
St. Venant torsion constant (J x 1000) 0.369 in⁴
Warping constant (Cw) 0.123 in⁶
Distance from shear center to neutral axis (Xo) -0.648 in
Distance between shear center and web centerline (m) 0.404 in
Radii of gyration (Ro) 1.627 in
Torsional flexural constant (Beta) 0.841

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, IIC-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)

Contractor Information
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Architect Information
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