**Product Submittal Sheet**

**Product category:** ProTRAK® 30MIL Drywall Track 1-1/4" leg  
**Product name:** 362PDT125-30 33ksi G40EQ - Unpunched  
3-5/8" ProTRAK 30MIL (30mil)

- Coating: G40EQ
- Color coding: Pink

**Geometric Properties**
- Inside web depth: 3.625 in  
- Leg width: 1.250 in  
- Design thickness: 0.0312 in  
- Yield stress, Fy: 33 ksi

**Gross Section Properties of Full Section, Strong Axis**
- Cross sectional area (A): 0.191 in$^2$  
- Moment of inertia (Ix): 0.389 in$^4$  
- Radius of gyration (Rx): 1.428 in  
- Gross moment of inertia (Iy): 0.027 in$^4$  
- Gross radius of gyration (Ry): 0.378 in

**Effective Section Properties, Strong Axis**
- Effective area (Ae): 0.087 in$^2$  
- Moment of inertia for deflection (Ixe): 0.330 in$^4$  
- Section modulus (Sxe): 0.149 in$^3$  
- Allowable bending moment (Ma): 2,938 in-lbs  
- Allowable shear force in web (Vag): lb

**Torsional Properties**
- St. Venant torsion constant (J x 1000): 0.0619 in$^4$  
- Warping constant (Cw): 0.067 in$^6$  
- Distance from shear center to neutral axis (Xo): -0.661 in  
- Radii of gyration (Ro): 1.619 in  
- Torsional flexural constant (Beta): 0.833

**Notes:**
- Calculated properties are based on AISI S100-12, North American Specification for Design of Cold-Formed Steel Structural Members and AISI S220-15, North American Standard for Cold-Formed Steel Framing - Nonstructural Members.
- Effective properties incorporate the strength increase from the cold work of forming as applicable per AISI A7.2.
- Tabulated gross properties, including torsional properties, are based on full-unreduced cross section of the tracks.
- For deflection calculations, use the effective moment of inertia.
- Allowable moment includes cold work of forming.
- Allowable moment is taken as the lowest value based on local or distortional buckling. Distortional buckling strength is based on a k-phi = 0.
- Web depth for track sections is equal to the nominal height plus two times the design thickness plus the bend radius. Hems on nonstructural track sections are ignored.

**Sustainability Credits:**
For more details and LEED letters contact Technical Services at 888-437-3244 or visit [www.clarkdietrich.com/LEED](http://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)

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**Project Information**
- Name:  
- Address:  

**Contractor Information**
- Name:  
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**Architect Information**
- Name:  
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