**Product Submittal Sheet**

**Technical Services:** 888-437-3244  
**Engineering Services:** 877-832-3206  
**Sales:** 800-543-7140  
[clarkdietrich.com](http://clarkdietrich.com)

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**Product Submittal Sheet**  
**09.22.16** (Non-Structural Metal Framing)

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**09.22.16** (Non-Structural Metal Framing)

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

- **Coating:** G40EQ  
- **Color coding:** White

**Geometric Properties**

- **Inside web depth:** 3.625 in  
- **Weight:** 0.720 lb/ft  
- **Leg width:** 1.250 in  
- **Minimum thickness:** 0.0329 in  
- **Design thickness:** 0.0346 in  
- **Yield stress, Fy:** 33 ksi

**Gross Section Properties of Full Section, Strong Axis**

- **Cross sectional area (A):** 0.212 in²  
- **Moment of inertia (Ix):** 0.432 in⁴  
- **Radius of gyration (Rx):** 1.429 in  
- **Gross moment of inertia (Iy):** 0.030 in⁴  
- **Gross radius of gyration (Ry):** 0.377 in

**Effective Section Properties, Strong Axis**

- **Effective area (Ae):** 0.105 in²  
- **Moment of inertia for deflection (Ixe):** 0.375 in⁴  
- **Section modulus (Sxe):** 0.170 in³  
- **Allowable bending moment (Ma):** 3,358 in-lbs  
- **Allowable shear force in web (Vag):** lb

**Torsional Properties**

- **St. Venant torsion constant (J x 1000):** 0.0844 in⁴  
- **Warping constant (Cw):** 0.074 in⁶  
- **Distance from shear center to neutral axis (Xo):** -0.659 in  
- **Radii of gyration (Ro):** 1.618 in  
- **Torsional flexural constant (Beta):** 0.834

**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](mailto:info@clarkdietrich.com) / 888-437-3244)

**Project Information**

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* Embossments in web are only placed on sections 2-1/2” and wider.

**ASTM & Code Standards:**

- **AISI S100-12 & S220-15**  
- Meets or exceeds ASTM C645 & C754  
- **ASTM E119, E72 & E90**  
- Intertek CCRR-0207, LA RR 26019  
- **ProSTUD complies with the SFIA Code Compliance Certification Program**  
- Multiple UL® Design Listing including: V438, V450 & U419  
- SDS & Product Certification Information available at [www.clarkdietrich.com](http://www.clarkdietrich.com).

**U.S. Patent No. 9,010,070**