

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	Weight	0.649 lb/ft
Leg width	1.250 in	Minimum thickness	0.0296 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 ⁴
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)	755 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

Code Approvals & Performance Standards

Calculated properties are based on:

AISI S100-16 (2020) w/S2-20 - North American Specification for the Design of CFS Structural Members

- Effective properties incorporate the strength increase from the cold work of forming as applicable per AISI A3.3.2 of AISI S100-16 (2020) w/S2-20.
- 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.

AISI S220-20 North American Standard for CFS Framing - Nonstructural Members

(Compliant to ASTM C645, but IBC replaced with AISI S220 in 2015)

- Section A3 - Material - Chemical & mechanical requirements (Referencing ASTM A1003/A1003M)
- Section A4 - Corrosion Protection (Referencing ASTM A653/A653M)
- Section A5 - Products - Thickness, shapes, tolerances, identification
- Section C - Installation - (Referencing ASTM C754)

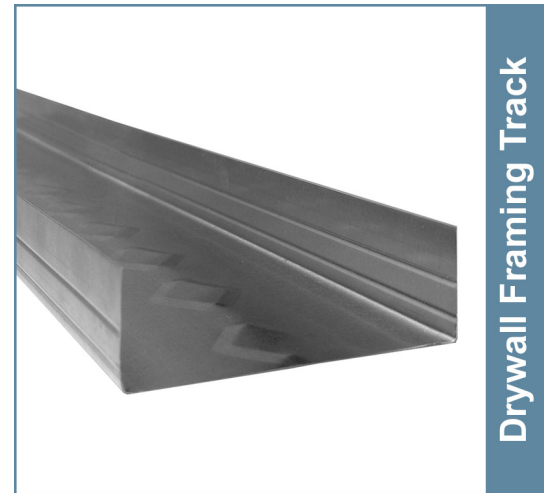
AISI S202-20 - Code of Standard Practice for Cold-Formed Steel Structural Framing

- Section F3 - Delivery, Handling and Storage of Materials

ClarkDietrich's nonstructural framing comply with:

- IBC-2021 - International Building Code
- Intertek CCRR-0207, LA RR #26019, NYC - OTCR
- SFIA Code Compliance Certification Program
- ASTM E72 Standard Test Methods of Conducting Strength Tests of Panels for Building Construction
- SDS & Product Certification Information is available at www.clarkdietrich.com/SupportDocs

09.22.16 (Non-Structural Metal Framing)



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

UL® Testing Standard

- UL® 263, ASTM E119
- Over 50 UL® design listings
- UL® file number R26512
- U.S. Patent No. 9,010,070



Sustainability Credits For more details and LEED letters contact Technical Services at 888-437-3244 or visit clarkdietrich.com/LEED.

LEED v4.1 MR Credit: Environmental Product Declarations: EPD (1 point) - Sourcing of Raw Materials (up to 2 points) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points)

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).