

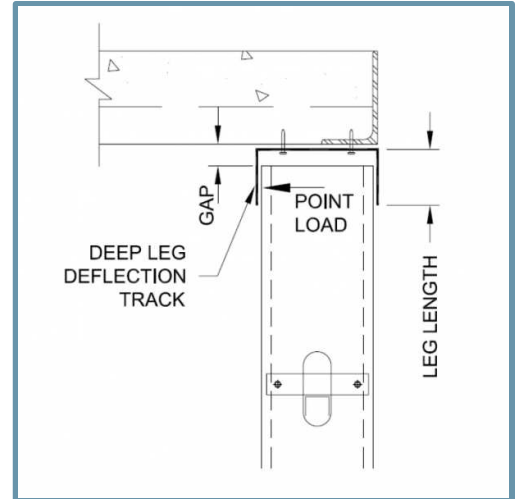
Deep Leg Deflection Track (Slip Track) - Non-Structural

ProTRAK™ deep leg deflection track for interior walls

A single ProTRAK deep leg track system allows the top of the wall stud to float within the track legs. This connection allows for vertical live load movement of the primary structure without transferring axial loads to the wall studs. The deflection track system must be designed for the end reaction of the wall studs (point loads) and for the specific gap required for vertical deflection.

Product Data & Ordering Information:

- Material:** Yield Strength: 15mil and 18mil = 50ksi 30mil and 33mil = 33ksi
 Coating: G40EQ (G40 and G60 available)
 ProTRAK 25 (15mils): 0.0158" Design Thickness, 0.0150" Min. Thickness
 ProTRAK 20 (18mils): 0.0190" Design Thickness, 0.0181" Min. Thickness
 ProTRAK 30mils: 0.0312" Design Thickness, 0.0296" Min. Thickness
 ProTRAK 33mils: 0.0346" Design Thickness, 0.0329" Min. Thickness
- Dimensions:** 2", 2-1/2" or 3" legs with an inside depth equal to the depth of the stud.
 Standard depths available: 2-1/2", 3-5/8", 4", and 6".
 Custom depths available by special orders.



Allowable Deflection Track Point Allowable Loads:

Deflection Track System	2" Leg Track w/ 1/2" Gap	2-1/2" Leg Track w/ 3/4" Gap	3" Leg Track w/ 1" Gap
ProTRAK 25 (15mils)	36	24	18
ProTRAK 20 (18mils)	52	34	26
ProTRAK 30mil	92	61	46
ProTRAK 33mil	113	75	56

Allowable Deflection Track Limiting Wall Height:

Deflection Track System	2" Leg Track w/ 1/2" Gap	2-1/2" Leg Track w/ 3/4" Gap	3" Leg Track w/ 1" Gap
ProTRAK 25 (15mils)	10'-8"	7'-2"	5'-4"
ProTRAK 20 (18mils)	15'-6"	10'-4"	7'-9"
ProTRAK 30mil	27'-6"	18'-4"	13'-9"
ProTRAK 33mil	33'-10"	22'-7"	16'-11"

Table Notes:

- Limiting wall heights are based on studs spaced at 16" o.c. and an interior lateral load of 5psf.
- Stud members must be analyzed independently of the track system. Use www.itools.clarkdietrich.com to check limiting wall heights of stud members.
- Stud failure modes relating to the deflection track connection (shear, web crippling, etc.) must be checked separately.

Code Approvals & Performance Standards

- [AISI S100-16 \(2020\) w/S2-20](#) North American Specification for the Design of Cold-Formed Steel Structural Members
- [AISI S220-20](#) North American Standard for Cold-Formed Steel Framing - Nonstructural Members
 - (Compliant to ASTM C645, but IBC replaced with AISI S220 in IBC 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)
- [Intertek CCRR-0207](#) Non-Structural Metal Framing
- [SFIA Stud](#) Code Compliance Certification Program
- [UL File Number R26512](#) Full list of ProSTUD and ProTRAK UL design assemblies
- [SDS For ASTM A1003 Steel Framing Products](#) For Interior Framing, Exterior Framing and Clips/Accessories

Calculating slip track point load:

Point Load (P) =
 (wind pressure PSF) x (spacing FT) x (wall length FT) / 2

Example: (5 PSF) X (1.33 FT) x (9.5 FT) / 2 =
 31.7lbs

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).