

Deep Leg Deflection Track (Slip Track)

Flat Drywall deflection track for interior walls

A single 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: Grade 33ksi
Coating: G40EQ (G40 and G60 available)
(All material below is flat - not ProSTUD.)
18mils, 25ga, 0.0188" Design Thickness, 0.0179" Min. Thickness
30mils, 20ga DW, 0.0312" Design Thickness, 0.0296" 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 Loads:

Allowable Point Loads 18mils - 25ga - Flat	Yield Strength 33 ksi
2" Leg Deflection Track with 1/2" Gap	30
2-1/2" Leg Deflection Track with 3/4" Gap	20
3" Leg Deflection Track with 1" Gap	15

Allowable Point Loads 30mils - 20ga DW - Flat	Yield Strength 33 ksi
2" Leg Deflection Track with 1/2" Gap	92
2-1/2" Leg Deflection Track with 3/4" Gap	61
3" Leg Deflection Track with 1" Gap	46

Table Notes:

- Values above are designed for wall stud spacing at 16" o.c.
- Drywall is required to extend for the full height of the wall and on both sides of the wall stud.
- If the drywall does not extend for the full height of the wall, lateral bracing is required within 18" of the deflection track to prevent wall studs from rotating.
- Values are based on equations from AISI North American Standard for CFSF- Wall Stud Design (S211-07).
- Stud failure modes relating to the deflection track connection (shear, web crippling, etc.) must be checked separately.

ASTM & Code Standards:

- Drywall framing is produced to meet or exceed ASTM C645, A653, and A1003.
- Galvanized sheet steel meets or exceeds requirements of ASTM A924
- For installation and storage information refer to ASTM C754
- SDS & Product Certification Information is available at www.clarkdietrich.com/SupportDocs

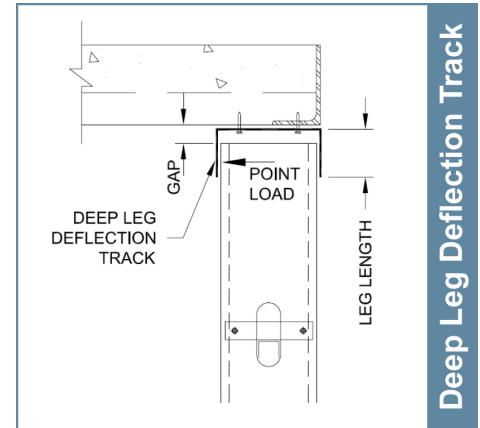
Sustainability Credits:

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)

09.22.16 (Non-Structural Metal Framing)



Deep Leg Deflection Track

Calculating slip track point load:

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

Example 1: (5 PSF) x (1.33 FT) x (9.5 FT) / 2 = 31.7 lbs.

Project Information

Name:
Address:

Contractor Information

Name:
Contact:
Phone:
Fax:

Architect Information

Name:
Contact:
Phone:
Fax: