

MaxTrak® 2D (SLT/H) 3" Leg

Slotted Deflection and Drift Track for structural wall framing

The MaxTrak 2D (SLT/H) system is a head-of-wall deflection track that is used for framing exterior curtain walls and non-load bearing interior walls. This system allows for vertical live load movement and horizontal seismic drift of the primary structure.

The slots in the track's 3" legs are designed for a total allowable vertical movement of 2" (1" +/-). The MaxTrak 2D system is attached to the wall studs through vertical slots using waferhead screws creating a positive connection that allows for vertical movement and also eliminates the requirement for lateral bracing near the top of the wall stud. The slots in the web, used for seismic design, are 4" long and spaced at 8" on center, staggered along the length of the member. The MaxTrak 2D system must be designed to take the end reaction of the wall studs (point loads) by using the allowable loads below.

Product Data & Ordering Information:

Material: Yield Strength: Grade 33ksi for 33mils & 43mils
Yield Strength: Grade 50ksi for 54mils & 68mils
Coating: CP60 per ASTM C955 (G90 available)
33mils: 20ga STR, 0.0346" Design Thickness, 0.0329" Min. Thickness
43mils: 18ga, 0.0451" Design Thickness, 0.0428" Min. Thickness
54mils: 16ga, 0.0566" Design Thickness, 0.0538" Min. Thickness
68mils: 14ga, 0.0713" Design Thickness, 0.0677" Min. Thickness

Dimensions: 3" legs with an inside depth equal to the depth of the stud
Available in 2-1/2", 3-5/8", 4", 6" and 8" wide systems
Vertical slots in leg are 0.22" wide x 2" long and spaced 1" o.c.
Horizontal slots in web are 0.22" wide x 4" long and spaced 8" o.c.
Track length = 10'-0"

ASTM & Code Standards:

- ASTM A1003, C645, C754, C955, C1002, C1007, E119, E814 and E1966.
- ANSI / UL 2079 and MaxTrak UL approved systems (See UL Fire Resistance Directory 42XE).
- SDS & Product Certification Information is available at www.clarkdietrich.com/SupportDocs

MaxTrak 2D Allowable Lateral Loads:

| Stud Thickness | 33mil (20ga) MaxTrak 2D | 43 mil (18ga) MaxTrak 2D | 54mil (16ga) MaxTrak 2D | 68mil (14ga) MaxTrak 2D |
|----------------|-------------------------|--------------------------|-------------------------|-------------------------|
| 33mil (20ga) | 99 lbs | 147 lbs | 187 lbs | 187 lbs |
| 43mil (18ga) | 121 lbs | 175 lbs | 226 lbs | 244 lbs |
| 54mil (16ga) | 192 lbs | 230 lbs | 286 lbs | 367 lbs |
| 68mil (14ga) | 256 lbs | 256 lbs | 330 lbs | 444 lbs |
| 97mil (12ga) | 256 lbs | 256 lbs | 368 lbs | 487 lbs |

- #10 x 9/16" (minimum) wafer head screws shall be used for the stud-to-track connection.
- Screws should be placed a minimum of 3/8" from the end of the stud.
- Allowable loads are also applicable for single stud located at minimum 6" from the end of the MaxTrak.
- Provide a gap of 1-1/8" between end of stud and inside face of track web for screws placed at mid-length of slotted openings.

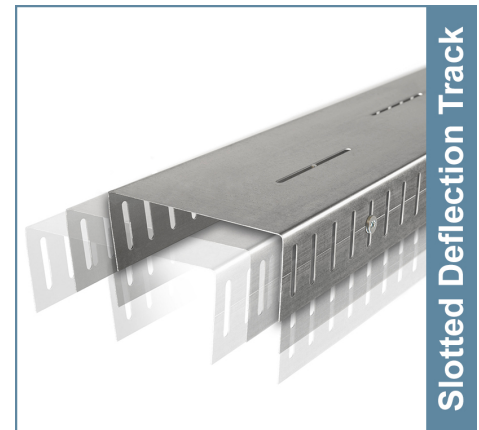
Sustainability Credits:

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)

05.40.00 (Cold-Formed Metal Framing)



- Allows up to 2" (1" +/-) vertical deflection
- Allows up to 4" (2" +/-) horizontal drift
- UL Approved 1 & 2 hour systems
- Guideline at center of vertical slots

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: