

MaxTrak® (SLT)

Slotted Deflection Track for non-structural drywall framing

The ClarkDietrich MaxTrak® (SLT) 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 of the primary structure without transferring axial loads to the wall studs. The MaxTrak 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 track's legs are designed for a total allowable vertical movement of 1-1/2" (3/4" +/-). The MaxTrak 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: Grade 33ksi min. yield strength
 Coating: G40EQ for 30mil, CP60 for 33mil (G90 available)
 Thickness: 30mils: 20ga DW, 0.0312" Design Thickness, 0.0296" Min. Thickness
 33mils: 20ga, 0.0346" Design Thickness, 0.0329" Min. Thickness
 Dimensions: 2-1/2" 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 are 0.22" wide x 1-1/2" long and spaced every 1" o.c.
 Track length: 10'-0"

ASTM & Code Standards:

- ASTM A1003, C645, C754, C955, C1002, C1007, E119, E814 and E1966
- Intertek CCRR-0205 - Only on 33mil System
- ANSI / UL 2079 and MaxTrak UL tested systems (See UL Fire Resistance Directory 42XE)
- SDS & Product Certification Information is available at www.clarkdietrich.com/SupportDocs

MaxTrak Allowable Loads with ProSTUD® Drywall Framing:

30mil MaxTrak	ProSTUD 25 (15mil, 50ksi)	ProSTUD 20 (18mil, 70ksi)	ProSTUD 30mil (33ksi)	ProSTUD 33mil (33ksi)
Allowable Load	45 lbs	76 lbs	148 lbs	148 lbs
Wall Height	13'-6"	22'-10"	44'-4"	44'-4"

33mil MaxTrak	ProSTUD 25 (15mil, 50ksi)	ProSTUD 20 (18mil, 70ksi)	ProSTUD 30mil (33ksi)	ProSTUD 33mil (33ksi)
Allowable Load	52 lbs	88 lbs	156 lbs	156 lbs
Wall Height	15'-7"	26'-5"	46'-10"	46'-10"

- Allowable loads are based on screws through the slots located 1-1/4" from the track web.
- #8 wafer head screws shall be used for stud-track connection.
- The above table is applicable to ProSTUD members only.
- ProSTUD allowable heights must be checked also.
- Allowable heights are based on 5psf and wall stud spacing at 16"o.c. with a max. gap of 7/8".

For MaxTrak 2D maximum wall height charts, connection details, and fire rated assembly details on either of these systems, refer to www.clarkdietrich.com/MaxTrak.

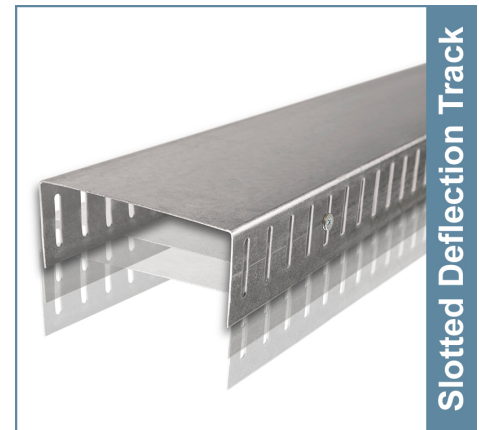
Sustainability Credits:

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)



- Allows up to 1-1/2" (3/4" +/-) vertical deflection
- Intertek CCRR-0205 (33mil system only)
- UL tested 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: