

MaxTrak® 2D (SLT/H)

Slotted Deflection and Drift Track for non-structural drywall 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 legs are designed for a total allowable vertical movement of 1-1/2 inches (3/4" +/-). 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: Grade 33ksi min. yield strength
 Coating: CP60 per ASTM C955 (G90 available)
 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 in leg are 0.22" wide x 1-1/2" 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.
- Intertek CCRR-0205
- 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

33mil (20ga) MaxTrak 2D Allowable Loads with ProSTUD® Drywall Framing:

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.

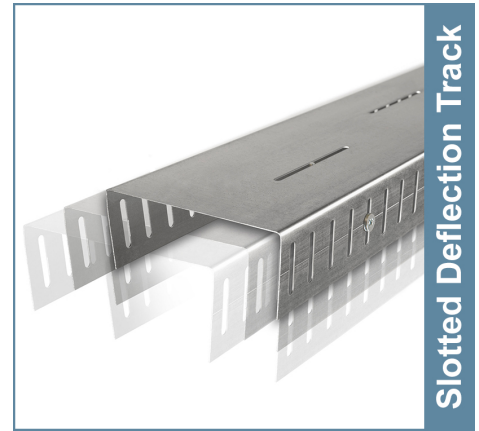
Sustainability Credits:

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)



Slotted Deflection Track

- Allows up to 1-1/2" (3/4" +/-) vertical deflection
- Allows up to 4" (2" +/-) horizontal drift
- Intertek CCRR-0205
- UL tested 1 & 2 hour systems
- Guideline at center of vertical slots

Calculating slip track point load:

$$\text{Point Load (P)} = (\text{wind pressure PSF}) \times (\text{spacing FT}) \times (\text{wall stud length FT}) / 2$$

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: