

MaxTrak® 2D (SLT/H)

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 legs are designed for a total allowable vertical movement of 1-1/2" (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: 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: 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 approved systems (See UL Fire Resistance Directory 42XE).
- SDS & Product Certification Information is available at www.clarkdietrich.com/SupportDocs

MaxTrak 2D Allowable Lateral Loads:

Section Thickness	Loads for single stud more than 12" from end of track	Loads for single stud within 12" of end of track (w/out splice)
33mil (20ga)	156 lbs	100 lbs
43mil (18ga)	205 lbs	133 lbs
54mil (16ga)	360 lbs	237 lbs
68mil (14ga)	537 lbs	355 lbs

- The minimum wall stud thickness must be equal to the selected slotted track thickness.
- #8 min. wafer head screws shall be used for 33mil material sections. #10 min. wafer head screws for 43mil and thicker sections
- MaxTrak allowable lateral loads are based on a maximum gap between the top of the stud and the web of the track of 7/8"

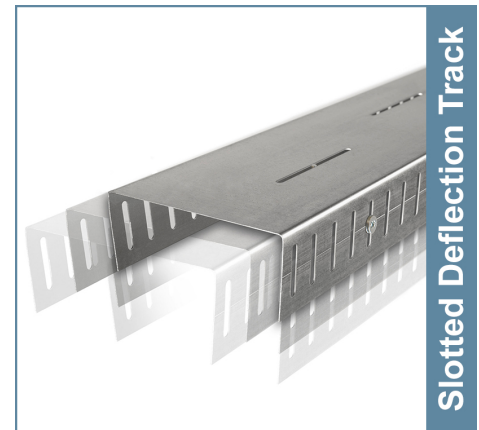
Sustainability Credits:

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 1-1/2" (3/4" +/-) vertical deflection
- Allows up to 4" (2" +/-) horizontal drift
- Intertek CCRR-0205
- 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: