

MaxTrak™ (SLT)

Slotted Deflection Track for structural wall 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" ($\frac{3}{4}'' \pm$). 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:	Yield Strength:	Grade 33ksi for 33mils & 43mils Grade 50ksi for 54mils & 68mils
	Coating:	CP60 per ASTM C955 (G90 Available)
	33mils:	20 Ga.(STR), 0.0346" Design Thickness, 0.0329" Min. Thickness
	43mils:	18 Gauge, 0.0451" Design Thickness, 0.0428" Min. Thickness
	54mils:	16 Gauge, 0.0566" Design Thickness, 0.0538" Min. Thickness
	68mils:	14 Gauge, 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" width 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.
- ATI CCRR-0205
- ANSI / UL 2079 and MaxTrak UL approved systems (See UL Fire Resistance Directory 42XE)
- MSDS & Product Certification Information is available at www.clarkdietrich.com

MaxTrak 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. (without 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.

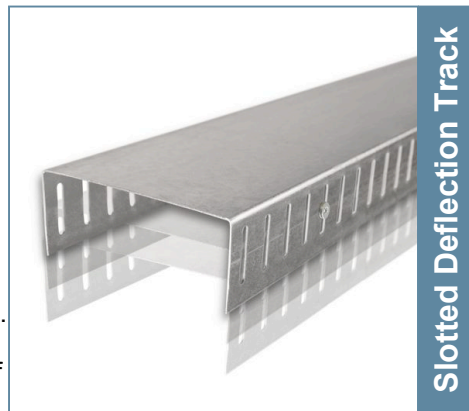
- The minimum wall stud thickness must be equal to the selected slotted track thickness.
- #8 min. wafer head screws shall be used for 33 mil material sections. #10 min. wafer head screws for 43 mil and thicker sections
- MaxTrak allowable lateral loads are based on a maximum gap between the top of the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

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

GREEN Benefits and Recycled Content:

For more information on requesting LEED MR2, MR4 and MR 5 Credits, please contact Tech Support at 888-437-3244 or visit www.clarkdietrich.com

05.40.00 (Cold-Formed Metal Framing)



Slotted Deflection Track

- **Allows up to 1-1/2" ($\frac{3}{4}'' \pm$) vertical deflection**
- **ATI 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.
Example 2: (25 PSF) x (2 FT) x (20.0 FT) / 2 = 500 lbs.

Project Information

Name:
Address:

Contractor Information

Name:
Contact:
Phone:
Fax:

Architect Information

Name:
Contact:
Phone:
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