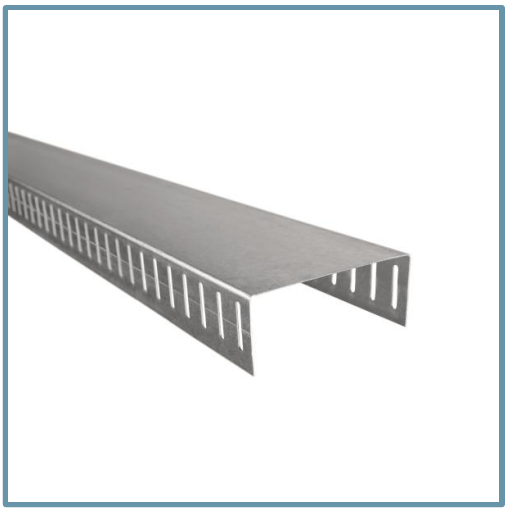
MaxTrak® (SLT) 3" Leg

Slotted Deflection Track for structural wall framing

The 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 3" legs are designed for a total allowable vertical movement of 2" (1" +/-). The MaxTrak system must be designed to take the end reaction of the wall studs (point loads) by using the allowable loads below.



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

Product Data & Ordering Information:

Material:	Yield Strength: Grade 33ksi for 33mils & 43mils Yield Strength: Grade 50ksi for 54mils & 68mils
Coating:	CP60 (G60, CP90 & G90 available) Per AISI S240
Thickness:	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 are 0.22" wide x 2" long and spaced every 1" o.c.
Track Length:	10'-0"

MaxTrak 3" Leg Allowable Lateral Loads:

Stud Thickness	33mil (20ga) MaxTrak	43mil (18ga) MaxTrak	54mil (16ga) MaxTrak	68mil (14ga) MaxTrak
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" 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.

For MaxTrak 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 clarkdietrich.com/LEED.

- **LEED v4.1 MR Credit:** Environmental Product Declarations: EPD (1 point) - Sourcing of Raw Materials (up to 2 points) - Material Ingredients (1 point) - Construction and Demolition Waste Management (up to 2 points)
- **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).

Code Approvals & Performance Standards

- AISI S100-16 (2020) w/S2-20 North American Specification for the Design of Cold-Formed Steel Structural Members
- AISI S240-20 North American Standard for Cold-Formed Steel Structural Framing
  - (Compliant to ASTM C955 , but IBC replaced with AISI S200 in IBC 2015, AISI S240 in IBC 2018)
  - Section A3 Material - Chemical & mechanical requirements (Referencing ASTM A1003/A1003M)
  - Section A4 Corrosion Protection (Referencing ASTM A653/A653M)
  - Section C Installation - (Referencing ASTM C1007)
- UL Designs 2079 Fifth Edition Tests for Fire Resistance of Building Joint Systems
- UL File Number R26034-XHLI Full list of MaxTrak and RipTrak UL design assemblies
- SDS For ASTM A1003 Steel Framing Products For Interior Framing, Exterior Framing and Clips/Accessories