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.

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:
- 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”

ASTM & Code Standards:
- 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 3” Leg Allowable Lateral Loads:

<table>
<thead>
<tr>
<th>Stud Thickness</th>
<th>33mil (20ga)</th>
<th>43mil (18ga)</th>
<th>54mil (16ga)</th>
<th>68mil (14ga)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MaxTrak</td>
<td>MaxTrak</td>
<td>MaxTrak</td>
<td>MaxTrak</td>
</tr>
<tr>
<td>33mil (20ga)</td>
<td>99 lbs</td>
<td>147 lbs</td>
<td>187 lbs</td>
<td>187 lbs</td>
</tr>
<tr>
<td>43mil (18ga)</td>
<td>121 lbs</td>
<td>175 lbs</td>
<td>226 lbs</td>
<td>226 lbs</td>
</tr>
<tr>
<td>54mil (16ga)</td>
<td>192 lbs</td>
<td>230 lbs</td>
<td>286 lbs</td>
<td>286 lbs</td>
</tr>
<tr>
<td>68mil (14ga)</td>
<td>256 lbs</td>
<td>256 lbs</td>
<td>330 lbs</td>
<td>330 lbs</td>
</tr>
<tr>
<td>97mil (12ga)</td>
<td>256 lbs</td>
<td>256 lbs</td>
<td>368 lbs</td>
<td>487 lbs</td>
</tr>
</tbody>
</table>

- #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.

Calculating slip track point load:
\[ \text{Point Load (P)} = \frac{(\text{wind pressure PSF}) \times (\text{spacing FT}) \times (\text{wall stud length FT})}{2} \]

Example 1: (5 PSF) x (1.33 FT) x (9.5 FT) / 2 = 31.7 lbs.

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
- 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

Project Information
Name:
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Contractor Information
Name:
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Architect Information
Name:
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