MaxTrak® (SLT)
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 legs are designed for a total allowable vertical movement of 1-1/2" (3/4" +/-). 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)

<table>
<thead>
<tr>
<th>Thickness</th>
<th>Design Thickness</th>
<th>Min. Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>33mils: 20ga</td>
<td>0.0346&quot;</td>
<td>0.0329&quot;</td>
</tr>
<tr>
<td>43mils: 18ga</td>
<td>0.0451&quot;</td>
<td>0.0428&quot;</td>
</tr>
<tr>
<td>54mils: 16ga</td>
<td>0.0566&quot;</td>
<td>0.0538&quot;</td>
</tr>
<tr>
<td>68mils: 14ga</td>
<td>0.0713&quot;</td>
<td>0.0677&quot;</td>
</tr>
</tbody>
</table>

**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”, 5-1/2”, 6” or 8” wide 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:**
- 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 Allowable Lateral Loads:**

<table>
<thead>
<tr>
<th>Section Thickness</th>
<th>Loads for single stud more than 12” from end of track</th>
<th>Loads for single stud within 12” of end of track (w/out splice)</th>
</tr>
</thead>
<tbody>
<tr>
<td>33mil (20ga)</td>
<td>156 lbs</td>
<td>100 lbs</td>
</tr>
<tr>
<td>43mil (18ga)</td>
<td>205 lbs</td>
<td>133 lbs</td>
</tr>
<tr>
<td>54mil (16ga)</td>
<td>360 lbs</td>
<td>237 lbs</td>
</tr>
<tr>
<td>68mil (14ga)</td>
<td>537 lbs</td>
<td>355 lbs</td>
</tr>
</tbody>
</table>

- The minimum wall stud thickness must be equal to the selected slotted track thickness.
- #8 wafer head screws shall be used for 33 mil material sections. #10 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 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)

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**Calculating slip track point load:**

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\text{Point Load (P)} = \frac{(\text{wind pressure PSF}) \times (\text{spacing FT}) \times (\text{wall stud length FT})}{2}
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Example: \( (5 \text{ PSF}) \times (1.33 \text{ FT}) \times (9.5 \text{ FT}) / 2 = 31.7 \text{ lbs.} \)

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