**VertiTrack® VTD**

**Interior Head of Wall**

**Material Composition**

**Clip Material:** ASTM A1003/A1003M Structural Grade 50 (340) Type H, ST50H (ST340H): 50ksi (340MPa) minimum yield strength, 65ksi (450MPa) minimum tensile strength, 33mil minimum thickness (20 gauge, 0.0346” design thickness) with ASTM A653/A653M G60 (Z180) hot dipped galvanized coating.

**Track Material:** ASTM A1003/A1003M Structural Grade 33 (230) Type H, ST33H (ST230H): 33ksi (230MPa) minimum yield strength, 45ksi (310MPa) minimum tensile strength, 33mil minimum thickness, 33mil minimum thickness (20 gauge, 0.0346” design thickness) with ASTM A653/A653M G60 (Z180) hot dipped galvanized coating.

The attachment of VertiTrack to the primary structure may be made with PAFs, screw/bolt anchors or weld and is dependent upon the base material (steel or concrete) and the design configuration.

**VertiTrack VTD Allowable (Unfactored) Loads**

<table>
<thead>
<tr>
<th>Thickness Mils (ga)</th>
<th>Yield Strength (ksi)</th>
<th>VTD250</th>
<th>VTD362/400</th>
<th>VTD600</th>
<th>VTD800</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 (25)</td>
<td>33</td>
<td>132</td>
<td>132</td>
<td>132</td>
<td>132</td>
</tr>
<tr>
<td>27 (22)</td>
<td>33</td>
<td>132</td>
<td>243</td>
<td>243</td>
<td>243</td>
</tr>
<tr>
<td>33 (20)</td>
<td>33</td>
<td>159</td>
<td>328</td>
<td>328</td>
<td>328</td>
</tr>
<tr>
<td>33 (20)</td>
<td>50</td>
<td>159</td>
<td>405</td>
<td>405</td>
<td>474</td>
</tr>
<tr>
<td>43 (18)</td>
<td>33</td>
<td>159</td>
<td>359</td>
<td>359</td>
<td>405</td>
</tr>
<tr>
<td>43 (18)</td>
<td>50</td>
<td>159</td>
<td>359</td>
<td>359</td>
<td>405</td>
</tr>
<tr>
<td>54 (16)</td>
<td>33</td>
<td>159</td>
<td>405</td>
<td>405</td>
<td>664</td>
</tr>
<tr>
<td>54 (16)</td>
<td>50</td>
<td>159</td>
<td>359</td>
<td>359</td>
<td>664</td>
</tr>
</tbody>
</table>

**Maximum Allowable Clip Load**

| 159 | 359 | 405 | 682 |

**Notes:**

- VertiTrack VTD loads are the same as VertiClip SLD.
- VertiTrack VTD is assembled with VertiClip SLD pre-attached at 16” o.c. and 24” o.c.
- Total vertical deflection of up to 1½” (¾” up and ¾” down). Deflection requirements greater than ¾” (up and down) are available.
- Custom spacing is also available.
- Fasten within ¾” from the angle heel (centerline of the 1½” leg) to minimize eccentric load transfer.
- Fasten through each VertiClip SLD to structure.
- VertiTrack VTD series is designed to support horizontal loads, and should not be used in axial-load-bearing walls.
- Allowable loads have not been increased for wind, seismic, or other factors.
- #8 screws are provided with each step bushing for attachment to the stud web.
- Strengthening ribs are present in 3 5/8” and 6” sizes.

*For LRFD Design Strengths refer to ICC-ESR-2049.
Nomenclature
VertiTrack VTD is manufactured in 12 ft. lengths. VertiTrack is designated by type (VTD), followed by stud depth in inches multiplied by 100 and stud spacing.

Example: 6” deep stud, 16” on center
Designate: VertiTrack® VTD600-16

UL®-Classified Head of Wall Assemblies

VertiClip SLD Series
- Blast and Seismic Design data

Meets criteria for New York MEA 326-06-M

** For more information or to review a copy of each of these reports, please visit our website at http://www.steelnetwork.com/Site/TechnicalData