ClarkDietrich FCSC deflection clips are used to attach exterior curtain wall studs to the building structure and provide for vertical building movement independent of the cold-formed steel framing. A ClarkDietrich FastClip™ deflection clip installs quickly with screws or powder-actuated fasteners, and provides adjustable standoff to ensure a plumb wall plane. FastClip deflection screws are provided with each clip to ensure friction-free sliding. Each clip is also embossed with fastening patterns to ensure accurate placement of fasteners.

**ALTERNATIVE PRODUCTS**

- Fast Strut™
- QuickClip™
- Slide Clip™

**PRODUCT DIMENSIONS**

- 3-1/2” FastClip: 1-1/2” x 3-1/2” x 4-1/2”
- 5-1/2” FastClip: 1-1/2” x 5-1/2” x 4-1/2”

**MATERIAL SPECIFICATIONS**

- **Gauge:** 14 gauge (68mil)
- **Design Thickness:** 0.0713 inches
- **Coating:** G90
- **Yield Strength:** 50ksi
- **ASTM:** A653/A653M

**INSTALLATION**

Connections to the building can be made with screws, powder-actuated fasteners or drill-in concrete anchors. Mechanical fasteners shall be located on the embossed marks given on the scored line of the 1-1/2” flange. Two or three FastClip deflection screws (based upon clip size) are used to attach the clip to the cold-formed steel framing. Screws shall be driven through the slotted holes and positioned to allow for the appropriate building deflection.

**U.S. Patent No. 6,688,069**

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<table>
<thead>
<tr>
<th>FastClip™ SLIDE CLIPS</th>
<th>Thickness</th>
<th>Size (in)</th>
<th>Packaging (Pcs./Carton)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product code</strong></td>
<td><strong>Gauge</strong></td>
<td><strong>Mils</strong></td>
<td><strong>Design thickness (in)</strong></td>
</tr>
<tr>
<td>FCSC</td>
<td>14</td>
<td>68</td>
<td>0.0713</td>
</tr>
</tbody>
</table>

3-1/2” FCSC includes 55 FastClip deflection screws per carton.
5-1/2” FCSC includes 80 FastClip deflection screws per carton.
Notes:

1. The 1/3 stress increase for wind shall not be used.
2. Attach building anchors to the structure according to the manufacturer’s instructions. Anchors shall be installed through the embossments on the scored line of the clip as shown on the drawings above. In no case shall anchors be installed more than 3/4" from the bend on the short leg of the clip. In cases of discrepancy between this information and the design engineer’s details, the design engineer’s details shall be followed.
3. It is the responsibility of the design professional to detail the project drawings for proper clip installation.
4. For connections to concrete, or other technical assistance, contact ClarkDietrich at 888-437-3244.
5. Buildex is a registered trademark of Illinois Tool Works, Inc.

*See general note #6 on page 9 for the definition of PAF, minimum requirements and other additional information.