

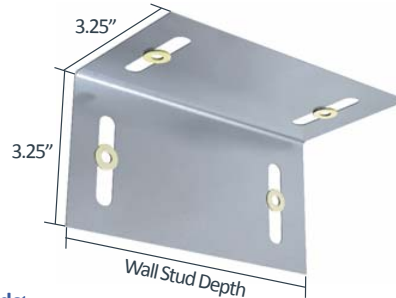
DriftClip® DSLD

Interior Head of Wall

Material Composition

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.

The attachment of DriftClip DSLD to the primary structure utilizes step bushings designed for #8 (0.164") screws. Designing this connection is the responsibility of the Structural Engineer of Record, and a minimum of two fasteners must be used.



US Patent #6,612,087

DriftClip DSLD Allowable (Unfactored) Loads¹

| DriftClip® DSLD, Recommended Allowable Load (lbs): F2 | | | | | | | |
|---|----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Stud | | Fastener Pattern 1 | | | Fastener Pattern 2 | | |
| Thickness Mills (ga) | Yield Strength (ksi) | DSL D362 w/2 #8 Screws | DSL D600 w/2 #8 Screws | DSL D800 w/2 #8 Screws | DSL D362 w/2 #8 Screws | DSL D600 w/2 #8 Screws | DSL D800 w/2 #8 Screws |
| 18 (25) | 33 | 70 | 132 | 132 | 27 | 107 | 132 |
| 27 (22) | 33 | 70 | 178 | 199 | 27 | 107 | 183 |
| 33 (20) | 33 | 70 | 178 | 199 | 27 | 107 | 183 |
| 33 (20) | 50 | 70 | 178 | 199 | 27 | 107 | 183 |
| 43 (18) | 33 | 70 | 178 | 199 | 27 | 107 | 183 |
| 43 (18) | 50 | 70 | 178 | 199 | 27 | 107 | 183 |
| 54 (16) | 33 | 70 | 178 | 199 | 27 | 107 | 183 |
| 54 (16) | 50 | 70 | 178 | 199 | 27 | 107 | 183 |
| Maximum Allowable Clip Load | | 70 | 178 | 199 | 27 | 107 | 183 |

Notes:

- Design loads are for attachment of DriftClip DSLD to stud only. Load tables reflect horizontal loads (F2).
- Attachment to structure engineered by others.
- Allowable loads have not been increased for wind, seismic, or other factors.
- Two (2) #8 screws are provided with each DriftClip DSLD for attachment to stud.
- DriftClip DSLD allows up to 2" of vertical deflection (1" up and 1" down), and 2" lateral drift (1" left and 1" right in plane). Deflection requirements greater than 2" lateral drift are available.

¹ For LRFD Design Strengths refer to ICC-ESR-2049.

Nomenclature

DriftClip DSLD is classified by multiplying stud depth by 100.

Example: 6" stud depth

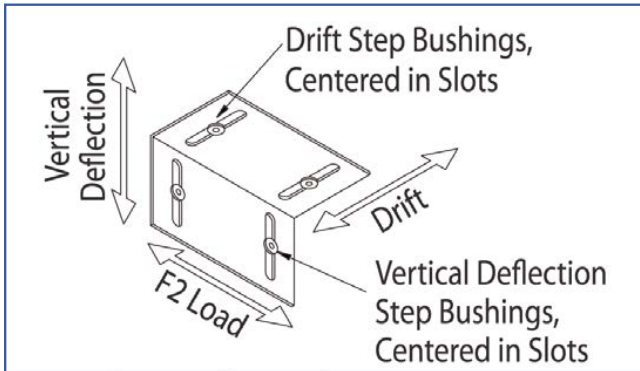
Designate: DriftClip® DSLD600

* Three screws & step bushings are available in 6" sizes and higher. Specify that 3 slots are needed when placing order.

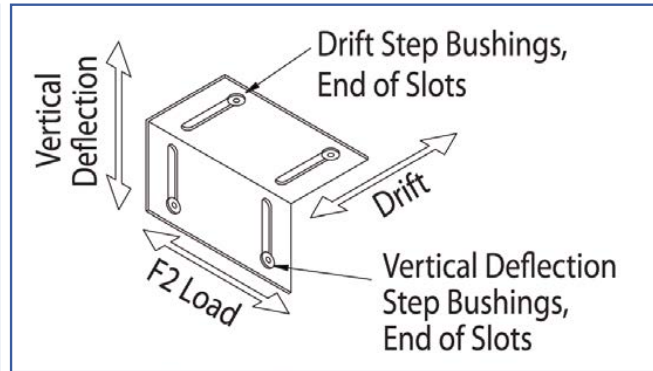
Load Direction



Fastener Patterns



Fastener Pattern 1 replicates a condition of out-of-plane wind or seismic force with no vertical live load deflection or in-plane drift.



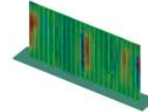
Fastener Pattern 2 replicates a condition of out-of-plane wind or seismic force with full vertical live load deflection and full in-plane drift.



UL2079 Head of Wall Assemblies



DriftClip DSLD362/400, DSLS600 & DSLD800
ICC-ESR-2049



DriftClip DSLD Series
Blast and Seismic Design data