


DriftCorner®

Infill or Bypass Corners

The Steel Network, Inc.
www.steelnetwork.com
1-888-474-4876



Material Composition

ASTM A1003/A1003M Structural Grade 33 (230) Type H, ST33H (ST230H): 33ksi (230MPa) minimum yield strength, 45ksi (310MPa) minimum tensile strength, 33mil minimum thickness (20 gauge, 0.0346" design thickness) with ASTM A653/A653M G90 (Z275) hot dipped galvanized coating.

Important Considerations

Attachment of DriftCorner is made with #8 screws through pre-installed step bushings. Screws are not included since screw length and type will vary with the thickness and type of sheathing used. If using gypsum board (or similar) sheathing, install 1.5"x9"x43mil (18ga) angle behind the sheathing on each side of the DriftCorner to allow for proper screw placement and penetration. If requested, TSN will provide the backing angle with DriftCorner. For ½" sheathing with 43mil backing angle, use 1" long screws. For thicker sheathing, use 1 ½" long screws.

Shown below are two detailed examples of DriftCorner application. More details are available for download at www.steelnetwork.com, including those with the backing angle and with other drift products. Contact TSN's Technical Services Team at (888) 474-4876 for design recommendations.

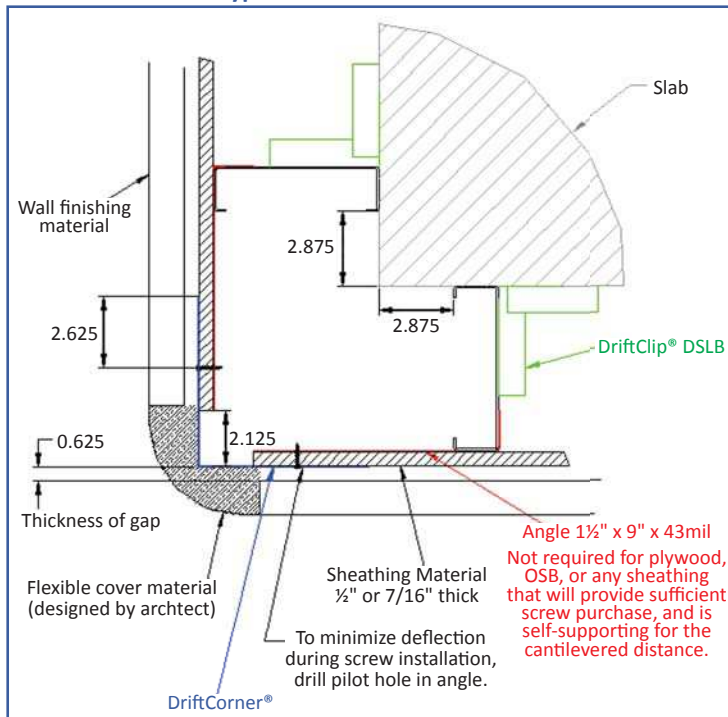
Notes:

- DriftCorner may be utilized in either infill or bypass conditions.
- 2.625" horizontal slots are positioned vertically every 12" on each leg of a 12ft long angle.
- Each slot has a pre-installed Step-Bushing designed for use with a #8 screw. (Screws are not Included)
- Provides up to 2" of lateral drift at corners.

Nomenclature

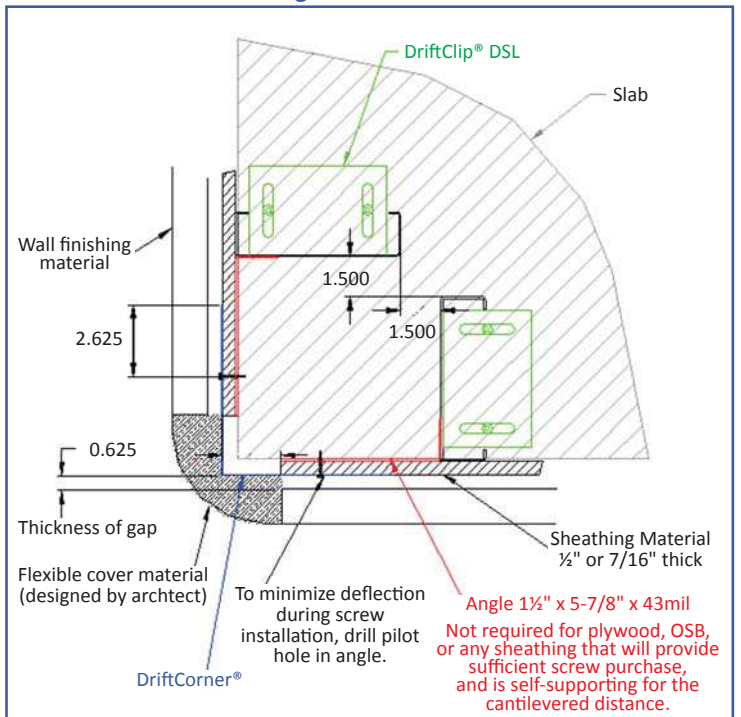
DriftCorner is made in one size and is designated *DriftCorner®*.

DriftCorner at Slab Bypass:



Bypass Condition using DriftClip® DSLB with Non-Supportive Sheathing Such as Gypsum

DriftCorner at Infill Framing:



Bypass Condition using DriftClip® DSL with Non-Supportive Sheathing Such as Gypsum