

STIFFCLIP® CL - FLOOR TIE

The StiffClip® CL series' unique design allows for the connection of steel studs to the building's structure by incorporating stiffened legs of a 90° angle to increase bending strength. StiffClip CL resists vertical, horizontal, and torsional loads. The allowable design load table is based on the use of StiffClip as it is attached to various steel stud wall material thicknesses and yield strengths. Allowable loads consider loads on the clip and screw fasteners to the stud web. Pre-drilled holes for attachments to both deck and stud provide installers with increased efficiency.

The designed attachment of StiffClip to the primary structure is dependent upon the base material's properties (e.g. steel or concrete) and the design configuration.

VALUE

- Guide holes for connections to stud and deck
- Stiffeners for additional strength
- Utilizes only certified, 50ksi steel
- Reduces material (replaces heavy steel angles)
- Extensively tested

MATERIAL COMPOSITION

118mil: ASTM A1003/A1003M Structural Grade 50 (340) Type H, ST50H (ST340H): 50ksi (340MPa) minimum yield strength, 65ksi (450MPa) minimum tensile strength, 118mil minimum thickness (10 gauge, 0.1242" design thickness) with ASTM A653/A653M G90 (Z275) hot dipped galvanized coating.

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



PART NUMBER	QTY/BOX	LBS/BOX	QTY/SKID	LBS/SKID
CL600-118	50	41	2,250	1,980

NOMENCLATURE

To specify StiffClip CL on drawings, multiply stud depth by 100, followed by the appropriate material thickness, based on strength required (see technical sheet for load tables)

Example: 6", 43mil, 50ksi stud with an uplift load (F3) of 2,000lbs.
Designate: StiffClip® CL600-118

