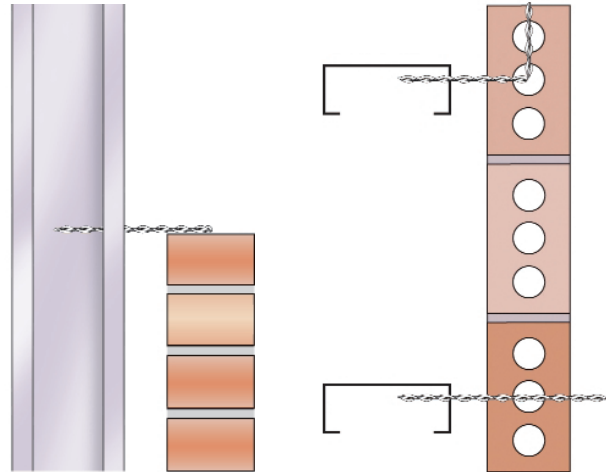


Refacing/New Build – Brick Veneer to Steel Stud using DryFix®

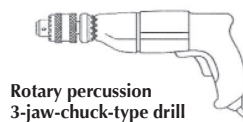
METHOD STATEMENT

1. Locate the position on the steel stud (1" from the web), where the DryFix tie is to be installed, so that it matches the required fixing pattern and density.
2. Drill an appropriate diameter pilot hole (depending on diameter of DryFix tie and density of back-up material. See Specification Note 'C' below) through the steel stud, using a rotary percussion drill (3-jaw-chuck type) with a steel drill bit.
3. Fit the special Power Driver Attachment (PDA) to the rotary hammer drill (SDS type).
4. Load the DryFix tie into the PDA.
5. Power-drive the tie into position until its outer end extends approximately 1" (25mm) beyond the out face of the brick veneer.
6. The security of fixing into the steel stud can be tested at this stage using a Helifix Load Test Unit.
7. Using the special Helifix tie-bending tool, bend the DryFix tie through 90° at the middle point of the brick width so that it runs at a right angle along the centre of the brick veneer.
8. The DryFix tie is then 'wet set' in the mortar bed as the next course of brickwork is constructed

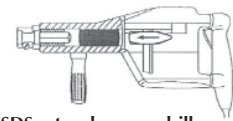


RECOMMENDED TOOLING

- For drilling pilot holeRotary percussion 3-jaw-chuck type drill
 For installing DryFixDryFix Power Driver Attachment fitted to SDS rotary hammer drill 650w/700w
 For bending tieHelifix tie-bending tool



Rotary percussion
3-jaw-chuck-type drill



SDS rotary hammer drill

Specification Notes

The following criteria are to be used unless specified otherwise:

- A. Length of DryFix ties to be sufficient to accommodate width of brick veneer + 1" (25mm) + width of cavity + wall of steel stud + 1" (25mm)
- B. Ensure pilot hole goes right through the wall of the steel stud
- C. Diameter of pilot hole to be determined on site – typically:
5–6mm for 8mm diameter tie
7–8mm for 10mm diameter tie
- D. Fixing centers will be determined by the stud spacing and required fixing density

The above specification notes are for general guidance only and Helifix reserves the right to amend details/notes as necessary.

GENERAL NOTES

If your application differs from this repair detail or you require specific advice on your particular project, call Helifix toll free on 888-992-9989. Our Technical Department can provide you with a full support service including:

- Advice, assistance and recommendations on all structural repair matters
- Devising and preparing complete repair proposals for specific situations

HELIFIX

SUSTAINABLE STRUCTURAL SOLUTIONS

A division of HALFEN USA Inc. • P.O. Box 547
Converse, TX 78109 • inquiry@helifix.com

Toll Free: 888-992-9989 • Fax: 877-683-4910
www.helifix.com



HALFEN
YOUR BEST CONNECTIONS