

INSTALLATION

**ANZ
CS05**

Repair of a crack near a corner in a cavity wall using DryFix

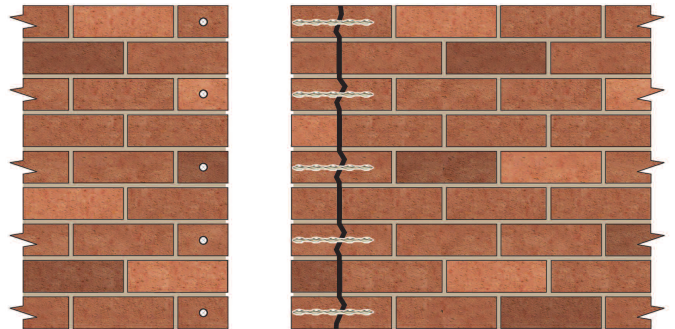
Product	Description	Code
DryFix	Stainless steel dry pinning system	HDF
CrackBond	Epoxy resin for filling cracks	HCB

Method Statement

1. Mark the points for DryFix installation on the face of the wall.*
2. Drill an appropriate diameter pilot hole (typically 5mm, subject to confirmation on site) into the existing wall to the specified depth using a light-weight rotary percussion drill.*
3. Attach the Helifix Power Driver Attachment to an SDS hammer drill set to a slow speed and light hammer only.
4. Load the DryFix tie into the Power Driver Attachment.
5. Support the Power Driver Attachment with one hand, while using the other to work the drill, and drive the DryFix tie into position until its outer end is recessed below the face of the near leaf by the insertion tool.
6. Make good all holes at the surface using either a mixture of sand, cement and oxide colouring to match the original surrounding brick surfaces or an epoxy sealant coated with brick dust or drillings. Make good the crack using an appropriate Helifix bonding agent or filler, e.g. CrackBond, depending on the width of the crack.

NOTE. Avoid leaning or pushing heavily on the drill during operation to ensure the accuracy of the hole's diameter.

CAUTION. Always locate, identify and isolate any electrical, water or gas services which may be present in the wall or the wall cavities and can pose a safety risk before drilling or cutting. Always take the necessary safety precautions. Use electrical safety gloves and wear appropriate footwear and eyewear.



RECOMMENDED TOOLING

For drillingRotary percussion drill 650/850w

For installation of DryFixSDS rotary hammer drill 650/850w and DryFix Power Driver Attachment

*SPECIFICATION NOTES

The following criteria are to be used unless specified otherwise:

- A. DryFix ties are to be installed at a vertical spacing of 170mm (every 2 brick courses).
- B. DryFix ties are to extend at least 70mm past the crack.
- C. Depth of pilot hole to be DryFix tie length + 10mm.
- D. DryFix ties are to be installed at least 25mm in from the brick edge.
- E. If cracking occurs on both elevations consider using HeliBar crack stitching around the corner (see Repair Detail CS03). If DryFix ties are to be used, they should be staggered between each elevation.

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

GENERAL NOTES

- Product details available from Helifix.
- Contact Helifix if your application differs from this repair detail or you require specific technical information.