

INSTALLATION



**ANZ
RT01**

Wall tie retrofit using DryFix

Product	Description	Code
DryFix	Stainless steel dry pinning system	HDF

Method Statement

1. Mark the points for DryFix installation on the face of the wall.*
2. Drill a 5mm diameter pilot hole (subject to confirmation on site) hole through the near leaf and into the back-up substrate to the specified depth using a rotary percussion 3-jaw chuck drill.*
3. Attach the Power Driver Attachment to a light-weight SDS hammer drill set to a slow speed and 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 the entry hole with matching materials.

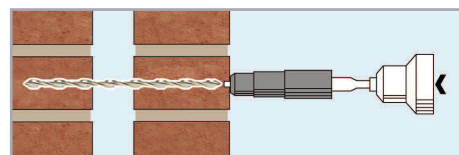
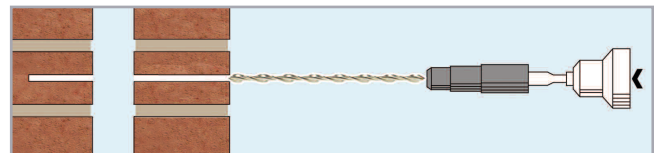
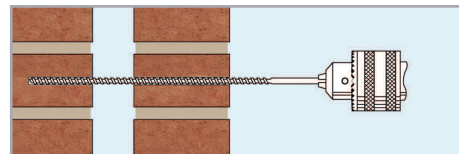
NOTE. Avoid leaning or pushing heavily on the drill during operation to ensure the accuracy of the hole's diameter and to limit spalling of the near leaf as the drill breaks into the cavity.

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. Refer to the *Helifix Wall and Pinning Tie Safe Installation Guide* for further instruction.

DRILLING GUIDE

Near Leaf Material	Far Leaf Material	Near Leaf Pilot (mm)	Far Leaf Pilot (mm)	Far Leaf Penetration (mm)
Clay Brick	Aircrete	5-6	None	75-90
Clay Brick	Timber Stud	5-6	None (5-6 in hard wood)	55
Clay Brick	Clay Brick	5-6	5-6	70
Clay Brick	Concrete Block	5-6	5-6	70
Clay Brick	Concrete	6	6-6.5 (May require an Asymmetric tie)	35

NOTE. The smallest possible diameter pilot hole should be used wherever possible. All figures quoted are indicative dependent on the exact nature of the substrate. Testing may be undertaken on site using the Helifix Load Test unit.



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 are to be spaced in accordance with building code requirements to suit site conditions and location. Relevant Australasian standards include AS3700, NZS1170.5 and NZS4210.
- B. Depth of pilot hole to be DryFix tie length + 10mm.
- C. DryFix length to equal:
 $Near\ leaf\ thickness\ less\ 10mm + cavity\ width + far\ leaf\ penetration$
depending on material, typically 70mm
 Refer to the Drilling Guide for further guidance.
- D. Ties may be installed from either side of the wall.
- E. Wherever possible, ties should be installed directly into the masonry, but they may also be driven into the mortar provided that this is strong and in good condition.

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.