BRB06

Restraining a bowed wall from inside using DryFix

Product	Description	Code
DryFix	Stainless steel dry pinning system	HDF

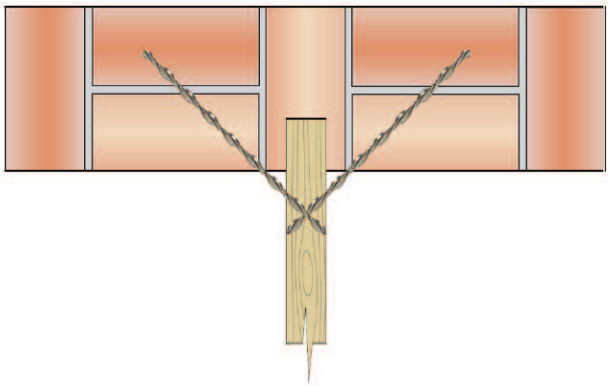
METHOD STATEMENT

1. Using a light-weight electric drill, drill vertically staggered pilot holes, typically 5mm Ø, through the joist at a 30°-45° angle and into the masonry.

   A rotary percussion 3-jaw chuck drill should be used as standard. A wood working drill bit may be preferred when drilling through the timber.
2. Attach the Helifix Power Driver Attachment to an SDS hammer drill set to a slow speed and light hammer only. (DryFix ties are self-tapping and will work themselves into the wall following the hammer action of the drill.)
3. Load the DryFix tie into the Power Driver Attachment.
4. Support the power driver attachment with one hand, while using the other to work the drill, and drive the DryFix tie into the pre-drilled pilot hole ensuring the tie is left flush with the face of the joist.

NOTE. Ensure that the area of wall into which the ties are to be driven is sound. Stabilise if necessary.

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 drilling .....Rotary percussion or SDS rotary hammer drill 650/850w

For installation of DryFix .....SDS rotary hammer drill and DryFix Power Driver Attachment

* Specification Notes

The following criteria are to be used unless specified otherwise:

A. Typically, two DryFix ties per joist should be installed at a 45° angle.

B. Generally, each tie should be long enough to connect with the joist at a 30°-45° angle and penetrate 60-70mm into the outer leaf of the wall. A 30-40mm penetration may be all that is required when dealing with harder materials (e.g. concrete). A 90mm penetration may be achieved when driving into softer materials (e.g. aerated concrete).

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

GENERAL NOTES

- Helifix product details available at **www.helifix.com.au**.
- If your application differs from this repair detail or you require specific technical information, call Helifix on **1300 66 70 71**.

HELIFIX (AUSTRALIA) PTY LTD
Unit 24, 34-36 Ralph Street • Alexandria • NSW • 2015
TEL. 1300 66 70 71
Copyright © Helifix Limited 2010