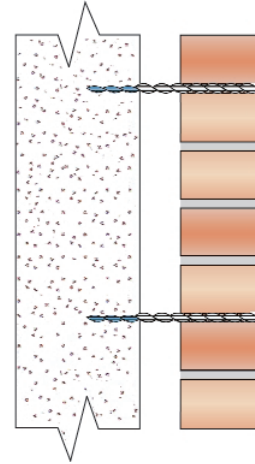


Reconnecting Near Wythe Brick to Solid Concrete using Asymmetric DryFix

METHOD STATEMENT

1. Before installing the Asymmetric DryFix ties, appropriate on site testing must be carried out to determine the correct tie size and pilot hole diameters
2. Mark the position for the Asymmetric DryFix ties on the face of the near wythe
3. Drill the correct diameter pilot hole (as determined by the slimmer end of the Asymmetric tie and the density of the back-up material) through the near wythe and into the far wythe, to the specified depth (using a rotary percussion drill, 3-jaw-chuck-type)
4. Re-drill the hole in the near wythe only to increase its diameter to create a pilot hole suitable for the larger diameter section of the Asymmetric tie
5. Fit the special DryFix Power Driver Attachment to an electric hammer drill (SDS type)
6. Load the larger diameter section of the Asymmetric DryFix tie into the insertion tool with the smaller diameter end showing
7. Power-drive the tie into position until its outer end is recessed below the face of the near wythe
8. Make good the entry hole with matching materials

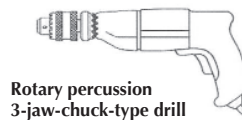


RECOMMENDED TOOLING

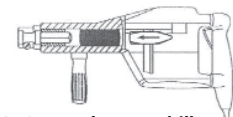
For drilling pilot holeRotary percussion 3-jaw-chuck drill
For installing Asymmetric DryFixDryFix power-driver attachment fitted to SDS rotary hammer drill 650w/700w

NOTE: As the back-up material is concrete, it may be necessary to use an SDS drill to drill the pilot hole.

Care should be taken when drilling through the near wythe brick when using an SDS drill.



Rotary percussion
3-jaw-chuck-type drill



SDS rotary hammer drill

Specification Notes

The following criteria are to be used unless specified otherwise:

- A. An appropriate pull test must be carried out on site to determine the correct tie Specification and pilot hole diameters. Refer to Helifix Test Sheet LT01 or contact the Helifix Technical Team
- B. Length of DryFix ties to be sufficient to accommodate width of near wythe + width of cavity + 2" into the concrete
- C. Ensure pilot hole goes 3" into the concrete
- D. Diameter of pilot hole to be determined on site, through testing – typically:
5mm for 80/65 Asymmetric DryFix tie
6.5mm for 10/80 Asymmetric DryFix tie
- E. For minimum fixing density, holes should be drilled at 36" centres horizontally by 18" vertically, in a staggered pattern

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

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