

INSTALLATION

**ANZ
CR01**

Concrete patching using PatchPins

Product	Description	Code
PatchPin	Stainless steel pin for concrete patching	HPP

Method Statement

1. Clean the area to be patched. Remove all loose material and leave the surface ready to accept the patching material in accordance with the manufacturer's instructions.
2. Clean and treat any exposed, embedded steel.
3. Drill 6.5mm diameter holes into the concrete to the specified depth and at the specified spacing using an SDS rotary hammer drill.*
4. Fit the PatchPin support tool over the drill bit.
5. Load the PatchPin into the support tool.
6. Drive the PatchPin into the pre-drilled pilot hole with the SDS rotary hammer drill set to hammer only. Ensure that the outer end of the pin will be below the face of the concrete patch – the pin can be bent, if required.
7. Apply the patching mortar in accordance with the manufacturer's instructions.

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.

RECOMMENDED TOOLING

For drillingSDS rotary hammer drill

For installation of PatchPinSDS rotary hammer drill
650/850w and PatchPin SupportTool

*SPECIFICATION NOTES

The following criteria are to be used unless specified otherwise:

- A. Pins should penetrate 30-50mm into the patched area, with harder materials requiring less penetration.
- B. Pin spacing and position may be varied to suit site conditions.
- C. Pins are to be installed approx. 50mm from the edge of the patched area.
- D. Intermediate pins should be at 150-200mm centres. Extra pins may be used at the discretion of the engineer / site management.
- E. Pins should be applied at not less than two pins per patch.

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.

