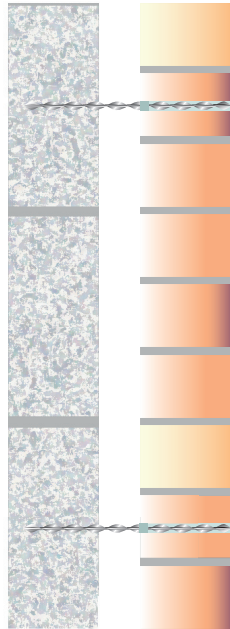


RECONNECTING NEAR LEAF BRICK TO NO-FINES CONCRETE PANELS USING MECHANICAL / RESIN WALL TIE



Method Statement:

1. Mark the points for Mechanical / Resin Wall Tie insertion on the face of the near leaf brickwork.
2. Drill an appropriate diameter pilot hole (depending on the diameter of the Mechanical / Resin Wall Tie) through the near leaf, about half way up the brick and around 15mm from the end to avoid frogs and core holes.
3. If required, drill an appropriate diameter pilot hole into the far leaf using a suitable drill bit mounted to a drill extension piece.
4. Load the Mechanical / Resin Wall Tie into the SDS Power Attachment. Insert through the near leaf and drive home into the far leaf.
5. Security of fixing in the far leaf can be tested with a StrucSol Load Test Unit.
6. Inject StrucSol HSGROUT until the hole is filled. Allow to cure.
7. Make good all the holes at the surface using StrucSol TE resin or StrucSol Crack Filler and leave ready for decoration. To achieve a near perfect look, use StrucSol Stain Colour Matching mortar.
8. Clean the tools and brickwork with a suitable polyester resin cleaner.

Recommended Tooling

- ▣ For drilling clearance and pilot hole: Rotary percussion 3-jaw chuck drill.
- ▣ For drilling pilot hole: Drill extension piece.
- ▣ For installing Mechanical / Resin Wall Tie: SDS Power Attachment
- ▣ For injection of StrucSol Resin: StrucSol Resin Applicator Gun + Nozzle.
- ▣ For Injection of the StrucSol Crack Filler: A 400ml Mastic Gun is required.
- ▣ PPE Clothing and Protection.

General Notes

If you require specific advice on your project, please call the StrucSol technical help line 0116 2375082. We can supply a full support service which includes:

- ▣ Advice and assistance on all structural matters.
- ▣ Preparing repair proposals for specific projects.

SPECIFICATION NOTES

The following criteria are to be used unless specified otherwise.

- | | |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------|
| A | Length of Mechanical / Resin Wall Tie to be sufficient to accommodate width of near leaf + width of cavity + 50mm into the concrete panel. |
| B | Diameter of near leaf clearance hole to be determined on-site – typically:
10mm for 6mm diameter tie.
12mm for 8mm diameter tie. |
| C | Diameter of far leaf pilot hole to be determined on-site – typically:
4.5mm for 6mm diameter tie.
6mm for 8mm diameter tie. |
| D | For minimum fixing density, holes should be drilled at 900mm centres horizontally by 450mm vertically in a staggered pattern. |

The above specification notes are for general guidance only and StrucSol reserve the right to amend as necessary.

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Please always wear the appropriate safety and protective clothing when installing fixing and anchor products. Always observe the necessary Health & Safety guidelines.

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