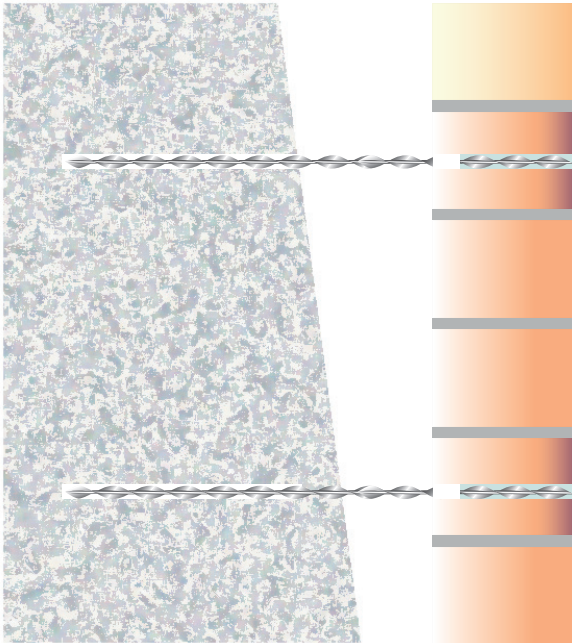


RECONNECTING NEAR LEAF BRICK TO NATURAL MATERIALS (COB, WYCHERT ETC.) USING MECHANICAL / RESIN WALL TIE



Method Statement:

1. Mark the points for Mechanical / Resin Wall Tie insertion on the face of the near leaf brickwork. 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.
2. If required, drill an appropriate diameter pilot hole into the far leaf using a suitable drill bit mounted to a drill extension piece.
3. Load the Mechanical / Resin Wall Tie into the support tool, insert through the near leaf and drive home into the far leaf.
4. Security of fixing in the far leaf can be tested with a StrucSol Load Test Unit.
5. Inject StrucSol resin until the hole is filled. Allow to cure, (when the resin has fully hardened).
6. 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.
7. 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 fitted to SDS rotary hammer drill 650w / 700w.
- ❑ 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 + 250mm into the natural material.

B

Diameter of near leaf clearance hole to be determined on-site – typically: 12mm for 8mm diameter tie.

C

Far leaf pilot hole not required.

D

Typically, holes should be drilled in a 450 x 450mm staggered pattern.

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