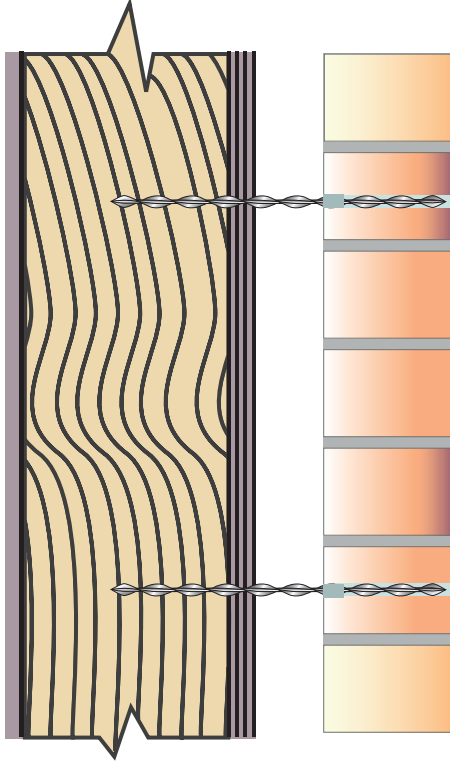


## RECONNECTING NEAR LEAF BRICK TO TIMBER STUD USING MECHANICAL / RESIN WALL TIES



### Method Statement:

1. Mark the position for the Mechanical / Resin Wall Ties on the face of the outer face material.
2. Drill an appropriate diameter pilot hole (depending on the diameter of the Mechanical / Resin Wall Tie and the density of the back-up material) at the specified angle, through the facing material and into the back-up substrate to the predetermined depth, using a rotary percussion drill (3-jaw chuck type).
3. Fit the SDS Power Attachment to an electric hammer drill (SDS type).
4. Load the Mechanical / Resin Wall Tie into the insertion tool.
5. Power-drive the tie into position until its outer end is recessed below the face of the near leaf by the insertion tool.
6. Inject the StrucSol resin until the hole is filled. Allow to cure.
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.
6. 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 Ties: 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.

- |          |                                                                                                                                          |
|----------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>A</b> | Length of Mechanical / Resin Wall Ties to be sufficient to accommodate width of near leaf + width of cavity + 50mm into the timber stud. |
| <b>B</b> | Diameter of near leaf clearance hole to be determined on-site – typically: 10mm for 6mm diameter tie.                                    |
| <b>C</b> | Far leaf pilot hole not required.                                                                                                        |
| <b>D</b> | 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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