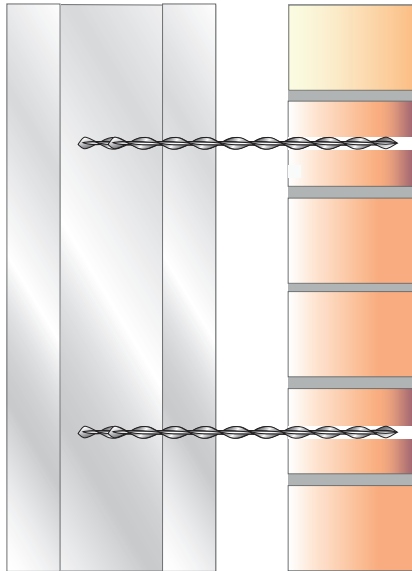


RECONNECTING NEAR LEAF BRICK TO STEEL STUD USING MECHANICAL REMEDIAL WALL TIES



Method Statement:

1. Mark the position for the Mechanical Remedial Wall Ties on the near leaf masonry.
2. Drill an appropriate diameter pilot hole (depending on diameter of Mechanical Remedial Wall Tie and density of back-up material) through the veneer using a rotary percussion drill (3-jaw chuck type).
3. Change to a rotary hammer drill (SDS type), and then continue the pilot hole through the steel stud.
4. Fit the special Power Support Tool to an electric hammer drill (SDS type).
5. Load the Mechanical Remedial Wall Tie into the insertion tool.
6. Power-drive the tie into position through the wall of the steel stud, until its outer end is recessed below the face of the veneer by the insertion tool.
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.

Recommended Tooling

- ▮ For drilling pilot hole: Rotary percussion 3-jaw chuck drill.
- ▮ For installing Mechanical Remedial Wall Ties: Power Support Tool fitted to SDS rotary hammer drill 650w / 700w.
- ▮ 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 Remedial Wall Ties to be sufficient to accommodate width of near leaf + width of cavity + wall of steel stud +25mm |
| B | Ensure pilot hole goes right through the wall of the steel stud. |
| C | Diameter of pilot hole to be determined on-site through testing – typically:
5–6.5mm for 8mm diameter tie.
6.5–8mm for 10mm 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.