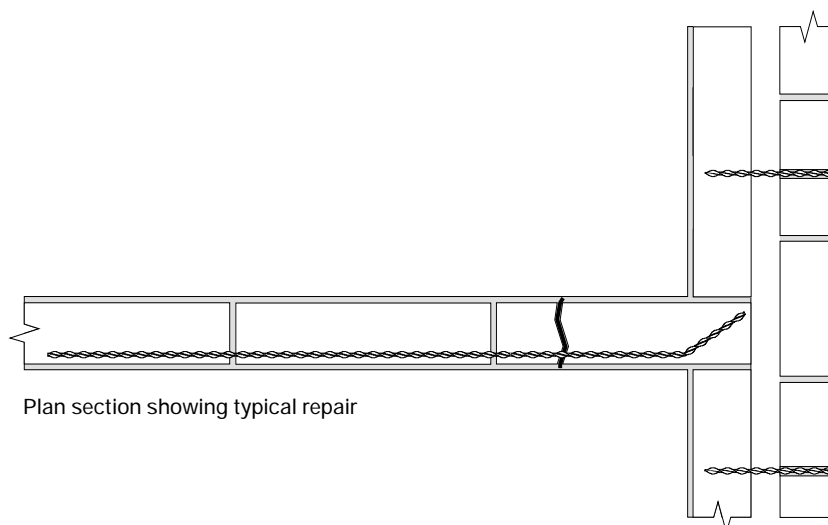




Reconnection of Internal Walls with Cavity Walls

Helical Bar Repair of Crack in Internal Wall



METHOD STATEMENT

1. Rake out or cut slots into horizontal mortar joint to specified depth and at required vertical spacings. Use power/hand chisel to continue slots up to internal corner.
2. Vacuum out the slots and thoroughly flush with water.
3. Where slot ends at internal corner drill 10 mm hole into the adjoining wall as shown.
4. Vacuum out the hole to remove all dust and debris.
5. Cut a piece of helical bar to the required length and bend the end to fit into the hole as shown.
6. Fill the hole with resin and insert the bent end of the helical bar reinforcement fully into the resin. Position the remainder of the rod in the slot.
7. Allow the resin to gel (normally 15 to 20 minutes). Gently ease the helical bar out of the slot and insert a bead of cementitious grout into the back of the slot.
8. Push the helical bar reinforcement into the grout to obtain good coverage.
9. Insert a bead of cementitious grout over the exposed rod and iron into the slot using the finger trowel.
10. Point up or fill the joint and leave ready for any decoration.
11. Tie inner and outer leaves together using appropriate helical bar wall ties.

GUIDANCE NOTES

Unless otherwise specified, the following criteria are to be used:

- a. Depth of slot to be 25 to 35 mm into masonry (i.e. not including plaster etc.).
- b. Vertical spacing of helical bars to be 450 mm and helical bars to extend at least 500 mm beyond any cracks.
- c. Wall ties to be inserted at 225 mm vertical spacing, 225 mm back from junction and staggered on alternate sides of the junction.

To find out more and to see how we could help you, please contact us

info@quadrabuild.com | 02086 445 434 | www.quadrabuild.com

