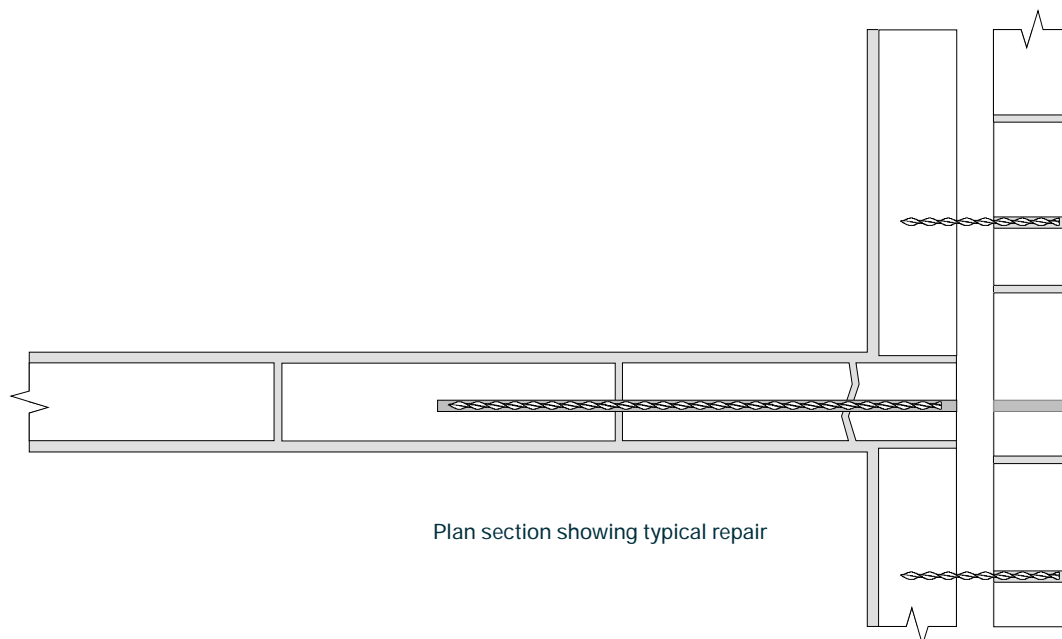




Reconnection of Internal Walls with Cavity External Walls

Helical Tie Repair of Crack in Internal Wall



METHOD STATEMENT

1. Locate and mark positions of holes on outer side of wall.
2. Drill a clearance hole (13 mm-16 mm diameter depending upon material and length of tie to be used) through outer wall and to required depth.
3. Blow out hole and thoroughly flush with water.
4. Mix cementitious grout and load into gun with required length of correct size extension nozzle already attached.
5. Pump cementitious grout to outlet of nozzle. Insert nozzle to the full depth of drilled hole and pump grout to fill hole. Keep light pressure on gun to ensure that all voids are filled with grout.
6. Wind correct length Helical tie into the hole using the insertion tool.
7. Make good at surface of all holes and leave ready for any decoration.

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

- a. Helical tie to be installed at a vertical spacing of 450 mm.
- b. Helical tie to extend at least 100 mm past the crack.
- c. Helical tie to be installed within the centre third of the wall.
- d. Helical tie should not extend back into the outer leaf as they may be covered in grout and could form a cavity bridge.
- e. 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

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