



Method Statement

⚠ Read the safety information overleaf

1. Mark positions for pins onto face of arch at required spacing.
2. Drill clearance holes (13 mm-16 mm diameter depending upon material and length of tie to be used) to required depth at positions already marked.
3. Vacuum out holes and thoroughly flush with water.
4. Mix Bond Flex cementitious grout and load into gun (correct length of 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 Cem Flex into the hole using the Cem Flex insertion tool. Make good at surface of all holes and leave ready for any decoration.
7. If there is a lot of movement in the brickwork then the ties will have to be installed in phases. After each phase the ties should be left for 24 hours for the grout to achieve an initial set. After 24 hours continue with the next phase.

Guidelines

- a. Nominal vertical and horizontal spacing between Cem Flex to be 450 mm.
- b. Cem Flex to extend a minimum of 200 mm past any visible or known crack.
- c. If this method of repair is suitable then a 950 mm length of Cem Flex should be sufficient in most cases.

Materials



Cem Flex 6 mm



Bond Flex



Water

Tooling



Vacuum



Bond Flex Gun Kit



Cem Flex Nozzle
& Insertion Tool



Finger Trowel



Drill

Safety Equipment



Dust Mask



Eye Protection



Hand Protection



Ear Protection