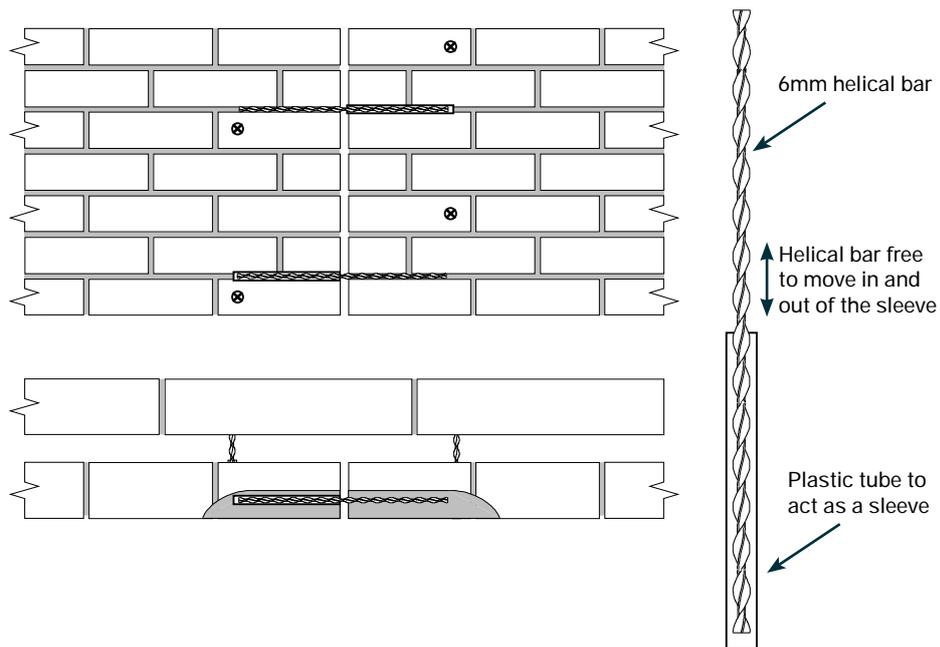




Construction of Movement Joints in Cavity Walls



METHOD STATEMENT

1. Cut movement joint to specified width and at required location.
2. Rake out or cut slots into horizontal mortar joints on either side of the movement joint to required depth and length and at specified vertical spacings.
3. Vacuum out the slots and insert a 10 mm (approx) depth bead of resin into the back of the slot.
4. Place the length of plastic tube over one end of the helical bar to act as a sleeve and push the complete assembly into the resin to obtain a good bond of both the helical bar and the sleeve.
5. Ensure that no resin comes into contact with the end of the helical bar covered by the tube as this end has to be free to move within the sleeve.
6. Insert a second 10 mm (approx) depth bead of resin up against the helical bar and sleeve assembly to obtain a good coverage of both the helical bar and the sleeve.
7. Install the specified number of the appropriate helical wall ties adjacent to the expansion joint.
8. Seal the joint with a suitable flexible sealant (e.g. foam backing with a polysulphide type sealant) and then repoint, or fill the bedjoints and leave ready for any decoration.

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

- a. Depth of slot to accommodate the tie assembly to be 55 mm.
- b. Helical bar should extend a minimum of 200 mm either side of the expansion joint.
- c. Alternate the position of the sleeve on adjacent ties.
- d. Ties to be installed at 300 mm vertical spacing.
- e. Appropriate helical wall ties to be installed each side of the newly formed movement joint not more than 225 mm back from the joint and at a maximum of 300 mm vertical spacing.

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

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