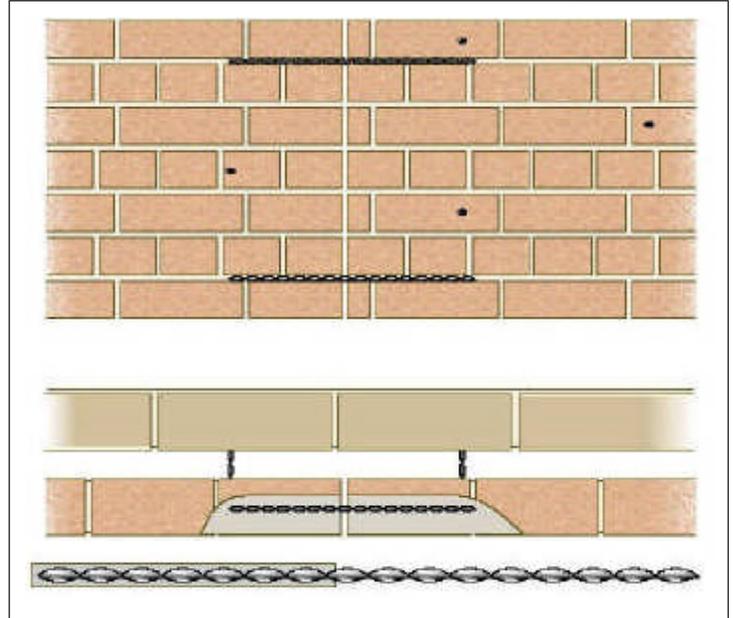


## METHOD STATEMENT

- 1 Full due care must be exercised when cutting through the full thickness of an existing wall with particular attention to embedded services.
- 2 Cut the 10mm wide vertical slot to the full thickness of the wall.
- 3 Using a 125mm mortar rake blade or SDS mortar rake chisel, cut slots into the horizontal mortar joints either side of the movement joint, to the specified depth and at the required vertical spacing. Ensure that NO mortar is left attached to the exposed brick surfaces in order to provide a good masonry resin bond.
- 4 Clean out the slots and inject a bead of Thor Grout, approx. 10mm deep, into the back of the horizontal slots.
- 5 Fit the Thor de-bond sleeve over one half of the Thor Helical bar and push the complete assembly into the Grout ensuring a good bond between the Thor Helical bar and the sleeve in the slot. (Ensure that no grout comes into contact with the end of the Thor Helical bar covered by the tube, as this end has to be free to move within the sleeve).
- 6 Inject a second bead of Thor Grout up against the Thor Helical bar and tube assembly to obtain good coverage of both.
- 7 Point up the open horizontal slot with a matching mortar to suit.
- 8 Insert Thor Flexibead into the vertical slot to finish 10mm below the external face of the brick.
- 9 Seal the joint with colour matched Hybrid Polymer or Polyurethane flexible sealant.



## SPECIFIC NOTES

The following criteria are to be used unless specified otherwise:

- A Depth of slot to accommodate the Thor Helical bar and sleeve assembly to be 70mm.
- B Height of slot to be equal to full mortar joint height, with a minimum of 8mm.
- C Thor Helical bars should extend a minimum of 200mm either side of the expansion joint.
- D Stagger the position of the sleeve on adjacent Thor Helical bar.
- E Thor Helical bar to be installed at a maximum 300mm vertical spacing.

## THOR 6MM REMEDIAL CRACK STITCHING/EXPANSION JOINT APPLICATION GUIDE - TOLERANCE -0MM/+5MM

Wall Thickness & Application		Depth of Slot	Single 6mm Thor Wire Depth	Grout Beads
110mm	Crack Stitch	35mm	25mm	2
110mm	Expansion Joint	40mm	35mm	2
230mm Solid Wall	Crack Stitch	40mm (under Header Courses if possible)	35mm	2
230mm Solid Wall	Expansion Joint	45mm	40mm	2
270mm Cavity Wall	Crack Stitch	35mm Both Single Leaves	30mm	2
270mm Cavity Wall	Expansion Joint	40mm Both Single Leaves (Additional wall ties may be required)	35mm	2
350mm Solid Wall	Crack Stitch	45mm Both External Leaves (Under Header Courses if possible)	40mm	2
350mm Solid Wall	Expansion Joint	45mm Both External Leaves	40mm	2