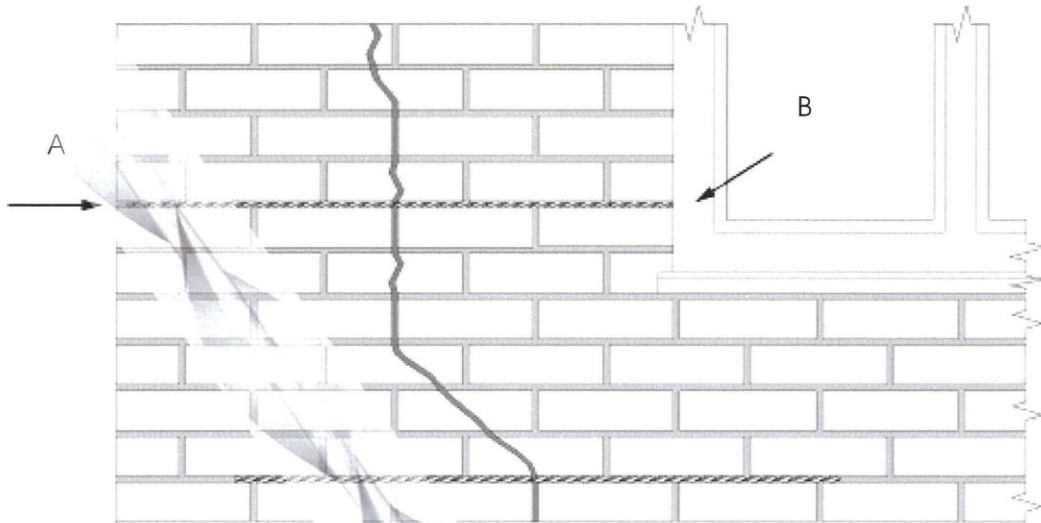# Crack Stitching – General Application



## STANDARD METHOD STATEMENT

1   Rake out or cut slots into horizontal mortar joint to specified depth and at required vertical spacing.

2   Vacuum out the slots and thoroughly flush with water.

3   Using the grout gun insert a bead of HeliGrout into the back of the slot.

4   Push the HeliTie Bar into the HeliGrout to obtain good coverage.

5   Insert a bead of HeliGrout over the exposed rod and iron into the slot using the finger trowel.

6   Point up or fill the joint and leave ready for any decoration.


**Guidelines** - Unless specified otherwise the following criteria are to be used:

a)      Depth of slot to be 25mm - 35mm.

b)       HeliTie Bars to extend a minimum of 500mm each side of the crack.

c)      Normal vertical spacing of crackstitches is 450mm (6 brick courses).

d)      Where a crack is within 500mm of the end of a wall (as in A above) the HeliTie Bar is to be continued for at least 100mm around the corner and fixed into the adjoining wall.

e)      Where a crack is within 500mm of an opening (as in B above) the HeliTie Bar is to be bent back and fixed into the reveal.

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### Step 1
Slots are raked out or cut into horizontal mortar joints (bedjoints) to a depth of between 35-45mm and at 355mm or 4 brick courses vertical spacing.

### Step 2
The slots are then vacuumed out and thoroughly flushed with water.

### Step 3
The 2 part **HeliGrout 25** is mixed in the tub provided.

### Step 4
A bead of **HeliGrout 25** is inserted into the back of the slot using a **HeliGrout Gun** with the grout nozzle attachment.

### Step 5
The **HeliTie™** Bar is pushed into the grout to obtain good coverage.

### Step 6
A bead of **HeliGrout 25** is inserted over the exposed bar and ironed into the slot using a finger trowel.

### Step 7
The slot is filled with **HeliGrout 25** leaving sufficient depth for repointing.

### Step 8
A colour matched mortar can be used to repair fractured bricks.

### Step 9
The slot is then repointed matched as closely as possible to existing.

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