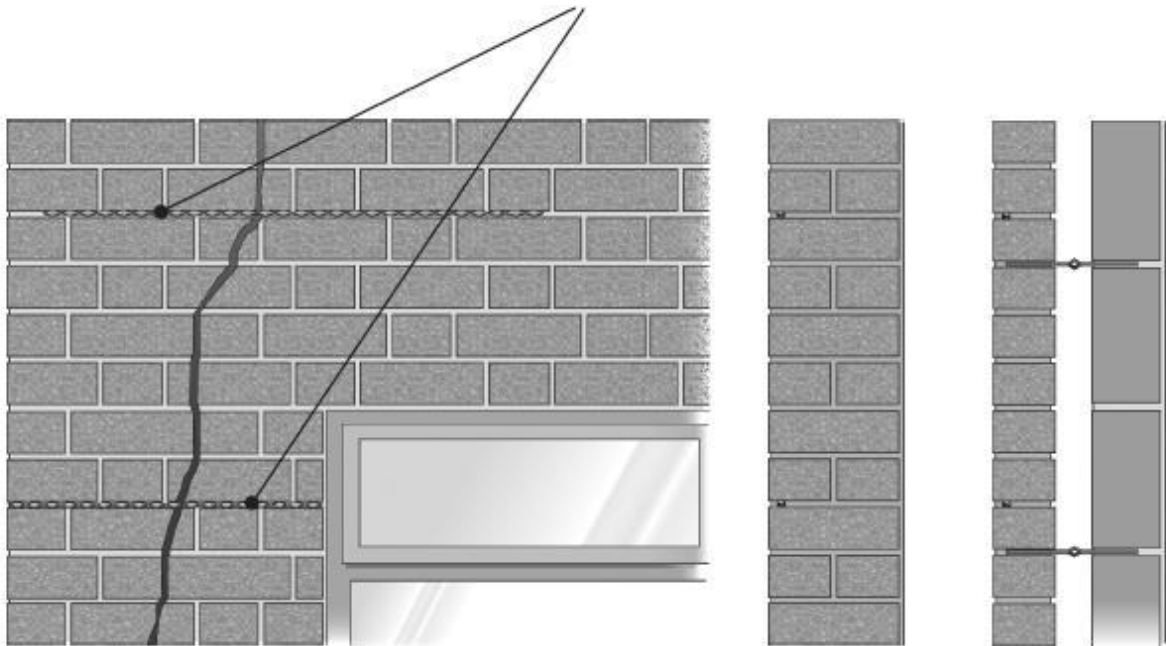


# Steadfast

IN ASSOCIATION WITH **THORHELICAL**<sup>®</sup>  
**Crack Stitching - Cracks in Walls**

6mm diameter helical bars bonded into slot with cementitious grout.  
 One bar per slot. Bars to extend 500mm each side of crack. See Note 1



## METHOD STATEMENTS & NOTES

Remove section of mortar to full height in selected bed joints. Flush with clean water and bond 6mm helical bars into each slot using cementitious grout. Make good to match existing.

If crack is within 300mm of a corner then pre-bend the bar to form 90 degree elbow and extend bar around corner.

Depth of the slots should be 30mm on a half brick single leaf and 45mm on a full brick solid leaf. Treat thicker walls from both sides.

Bars should be spaced at 300mm - 450mm centres.

## REINFORCEMENT SPECIFICATION

- Material: 304 Series Stainless Steel
- Ult. Tensile Strength: 1050-1200N/mm<sup>2</sup>
- Nominal CSA: 6mm Bar = 7.4mm<sup>2</sup>

## GROUT SPECIFICATION AT 28 DAYS

- Compressive Strength: 55N/mm<sup>2</sup>
- Tensile Strength: 5N/mm<sup>2</sup>
- Flexural Strength: 12N/mm<sup>2</sup>
- Youngs Modulus: 13N/mm<sup>2</sup>