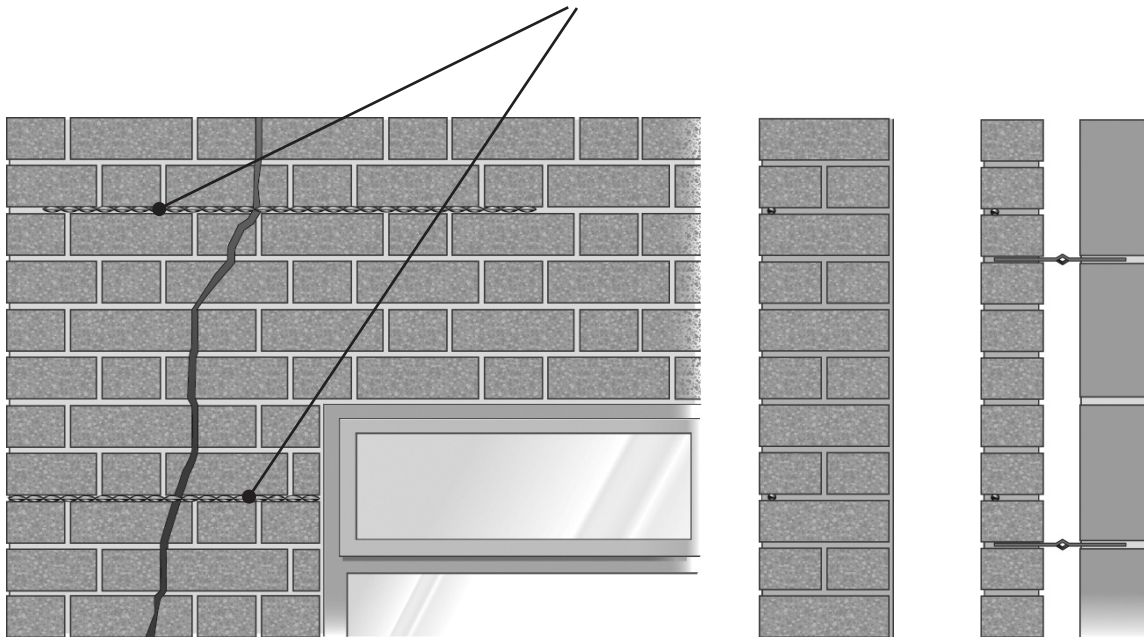


Crack Stitching – Reconnecting Cracked Walls



Twistfix helical bars bonded into slot with WHO-60 grout.
Bars to extend 500mm each side of crack.



METHOD STATEMENTS & NOTES

1. Remove section of mortar to full height in selected bed joints.
2. Flush with clean slots with water.
3. Bond Twistfix helical bars into each slot using WHO-60 grout.
4. Make good to match existing.

If the 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 35-40mm on a half brick single leaf and 45-55mm 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:	1025-1225N/mm ²
· Nominal CSA:	5mm Bar = 6mm ² 6mm Bar = 8mm ² 7mm Bar = 10mm ² 8mm Bar = 13mm ² 9mm Bar = 16mm ²

GROUT SPECIFICATION AT 28 DAYS

· Compressive Strength:	55N/mm ²
· Tensile Strength:	5N/mm ²
· Flexural Strength:	12N/mm ²
· Youngs Modulus:	13N/mm ²

Engineers, surveyors and contractors should refer to BRE Good Building Guide 62.

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