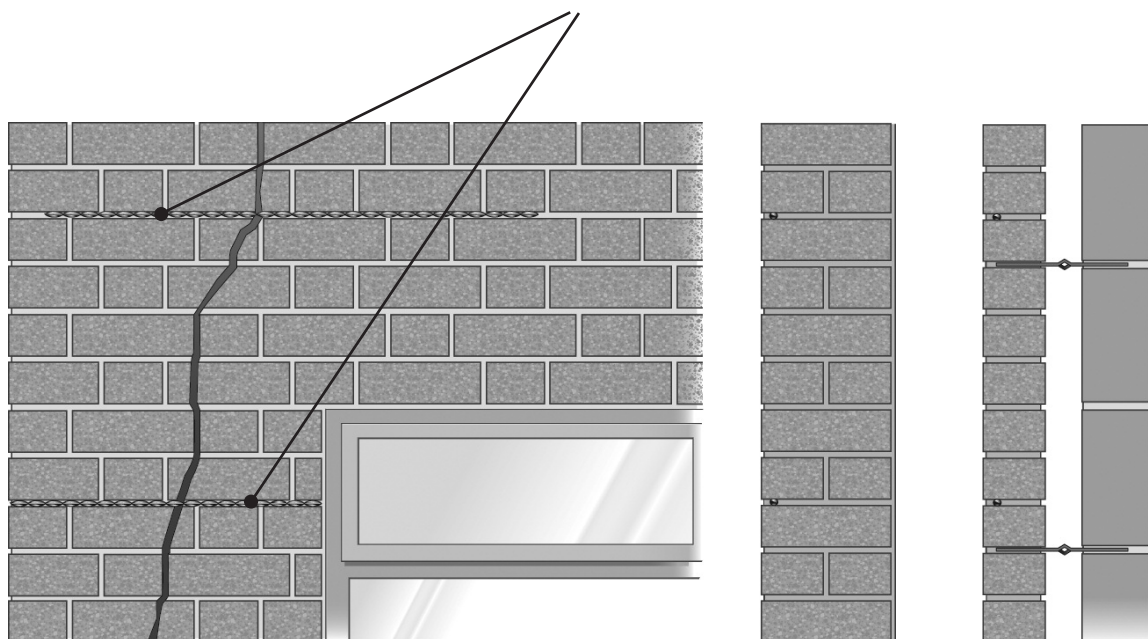


Crack Stitching – Reconnecting Cracked Walls

6mm diameter Twistfix helical bars bonded into slot with WHO-60 grout. One bar per slot. Bars to extend 500mm each side of crack. See Note 1



METHOD STATEMENTS & NOTES

1. Remove section of mortar to full height in selected bed joints. Flush with clean water and bond 6mm Twistfix helical bars into each slot using WHO-60 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/mm²
- Nominal CSA: 6mm Bar = 7.4mm²

GROUT SPECIFICATION AT 28 DAYS

- Compressive Strength: 55N/mm²
- Tensile Strength: 5N/mm²
- Flexural Strength: 12N/mm²
- Youngs Modulus: 13N/mm²

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

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