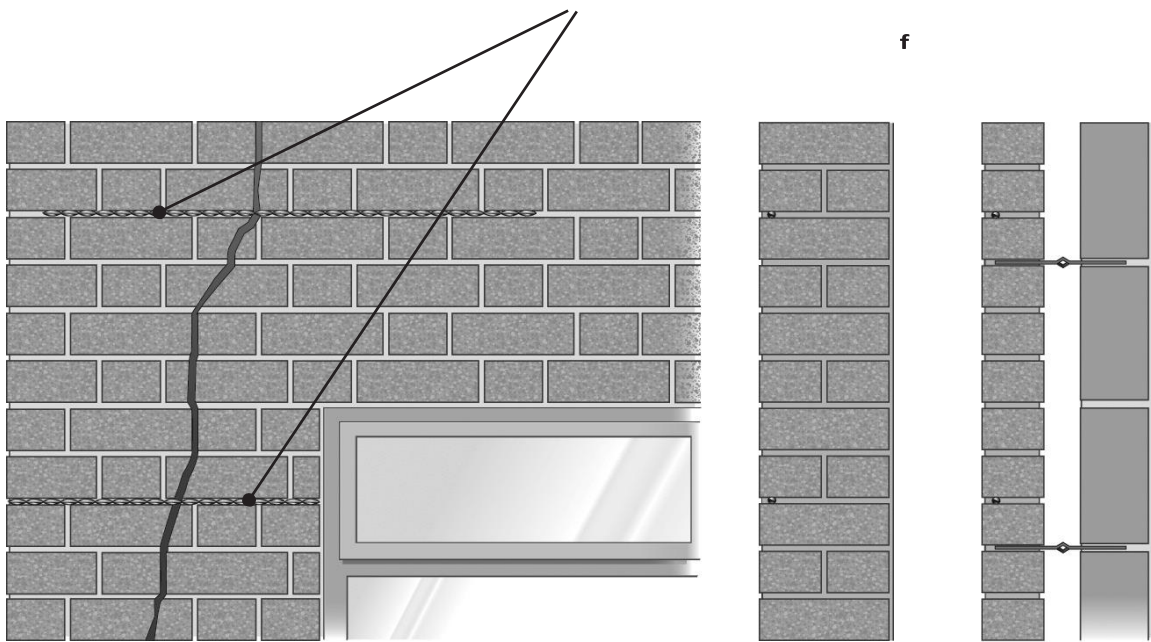


Crack Stitching – Reconnecting Cracked Walls

6mm Thor Helical bars bonded into slot
with WHO-60 grout. On bar p r slot. Bars to xt n 500mm ach si o
crac . S Not 1



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

METHOD STATEMENTS & NOTES

1. Remove section of mortar to full height in selected bed joints. Flush with clean water and bond 6mm Thor 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: R_{235} mild steel
- Ultimate Tensile Strength: 460 N/mm^2
- Nominal Cross Sectional Area: 100 mm^2

GROUT SPECIFICATION AT 28 DAYS

- Compressive Strength: 20 N/mm^2
- Tensile Strength: 2 N/mm^2
- Flexural Strength: 2 N/mm^2
- Young's Modulus: 13 N/mm^2