

Crack Stitching – at internal corners



METHOD STATEMENTS & NOTES

1. Remove section of mortar to full height in selected bed joints.
2. Drill 12mm anchorage hole at corner apex at an angle of 45°
3. Flush with clean water
4. Bond Twistfix helical bars into each slot using and anchorage bore with WHO-60 grout. Make good to match existing.

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

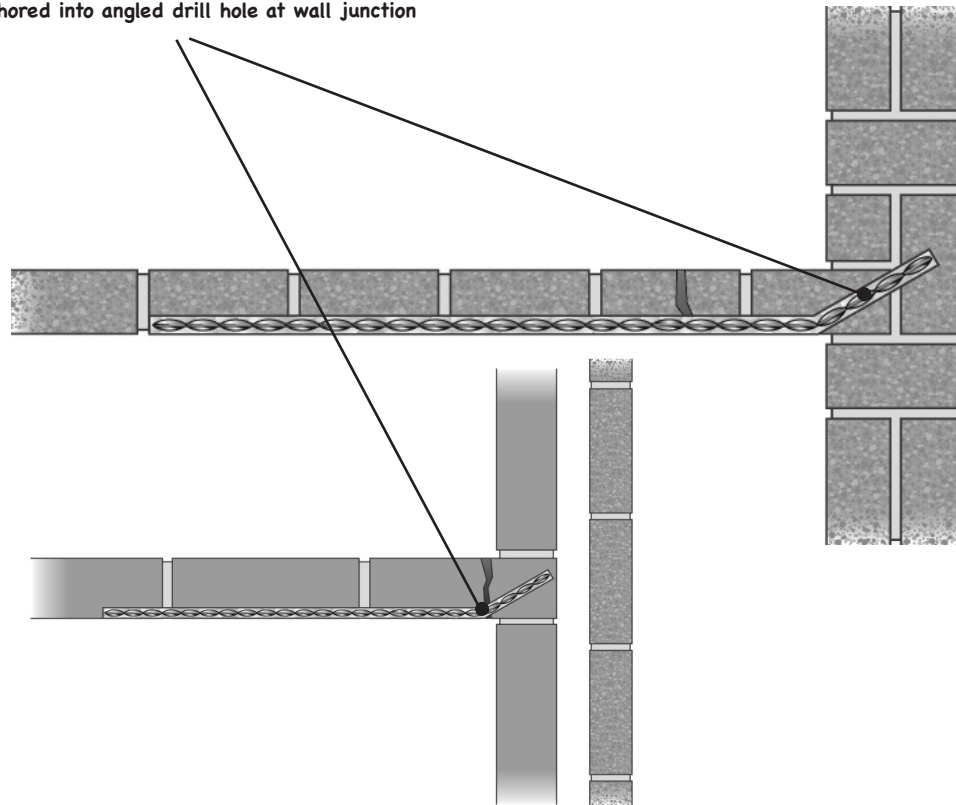
REINFORCEMENT SPECIFICATION

- Material: 304 Series Stainless Steel
- Ult. Tensile Strength: 1025-1225N/mm²
- Nominal CSA:
 - 5mm Bar = 6mm²
 - 6mm Bar = 8mm²
 - 7mm Bar = 10mm²
 - 8mm Bar = 13mm²
 - 9mm Bar = 16mm²

GROUT SPECIFICATION AT 28 DAYS

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

Twistfix helical bar grouted into mortar bed slots and anchored into angled drill hole at wall junction



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