

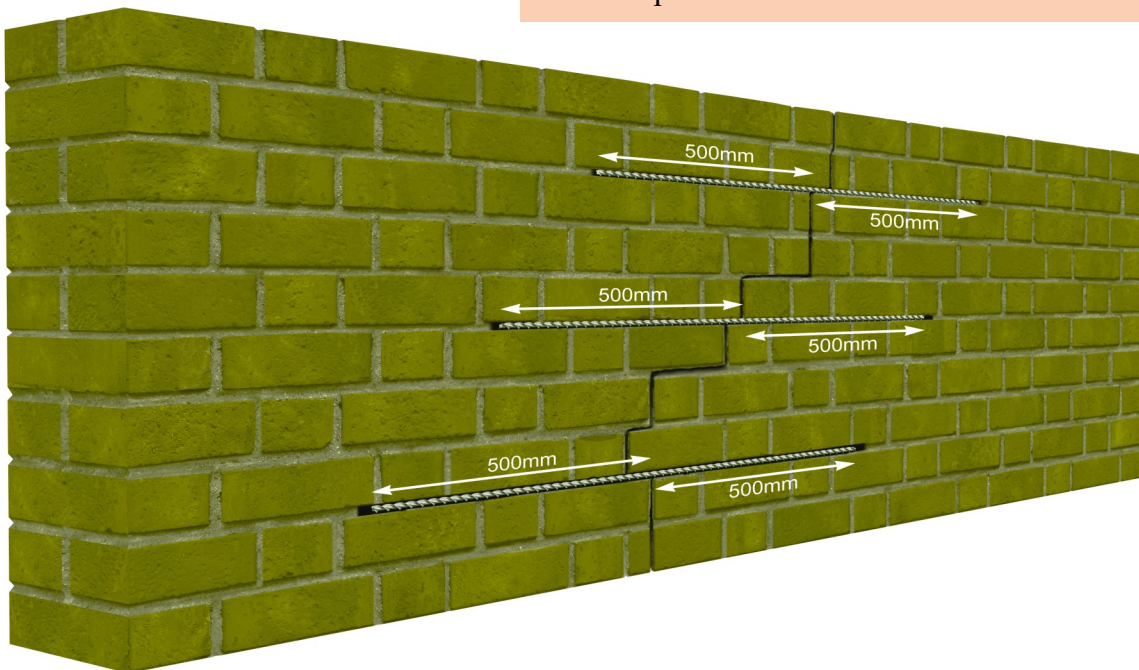
Data Sheet - Crack Stitching Bars

Description

- Pliable stainless steel crack stitching bars are used when masonry/brickwork becomes cracked and weakened
- The bars act as reinforced support to reattain the structure and stability of brick and masonry
- As each bar is fixed they systematically disperse the unsteady weight back into the wall and prevent further cracks or disrepair



The image below shows how the crack stitching bars can be inserted over a damaged wall. Here the bars spread 500mm at either side of the cracks



Data Sheet - Crack Stitching Bars

Key points and benefits

- Tensile strength double that of conventional rebar
- They extend to 500mm either side of the damaged/cracked area and bare a tensile load of at least 8kN
- Conforms to BS EN 845-1 as tension ties for strapping and stitching cracked masonry, and meet UKCA and CE marking conditions
- Sold in packs of 10 bars
- Patented Helical design creates excellent key for grout and mortar
- Allows for thermal and moisture movement
- Made from extremely durable, Grade 304 Stainless steel

Typical Load Performance Characteristics

Bar Diameter	No. of Bars per Joint	Ultimate Tensile Load	Load at 2mm Deflection
6mm	1	8.38kN	6.26kN
6mm	2	16.00kN	10.86kN
8mm	1	11.06kN	8.73kN
8mm	2	17.65kN	10.67kN

DESIGN FEATURES - BS FIXINGS REMEDIAL TIE

Diameter	Thread Starts	Thread Angle	Helix Angle	Lead (360°)
6mm	2	5°	32°	30mm
8mm	2	5°	32°	40mm