

PYTHON STITCH



Crack Stitching, Structural Repair & Seismic Strengthening

The PYTHON STITCH is a purpose-designed, seismically tested system for crack repair and masonry strengthening. It's specialised bonding epoxy and bearing sleeve design enable shorter development length, greater tension capacities, and more reliable engagement than traditional methods.

FEATURES

- Adapts to irregular crack patterns
- Thixotropic epoxy allows overhead & vertical use
- Corrosion-resistant, 100-year design life
- Ideal for structural repairs, seismic retrofits and heritage restoration

APPLICATIONS

- Crack stitching
- Masonry wall reinforcement
- Cracked lintel repair
- Wall corner reinforcement
- Earthquake damage repair
- Arch and chimney strengthening



Ø8mm bearing sleeves for improved load transfer and more reliable engagement

316 stainless steel for long-term durability in harsh environments

Ø5mm high-tensile stainless steel restores structural integrity to cracked masonry

TECHNICAL

- PYTHON STITCH is Ø5 wire core with Ø8mm bearing sleeves at 100mm centres, 316 stainless steel
- Available in lengths of 0.8m, 2.0 m and 10.0m
- Bonded with two-part PYTHON EPOXY, 390mL cartridges
- On-site quality assurance testing available

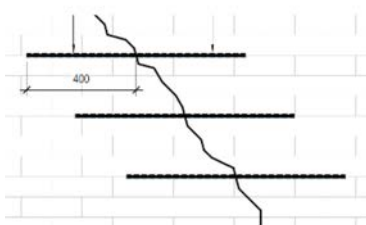
INSTALLATION RECOMMENDATIONS:

- Embed 1/3 to 1/2 of brick width into mortar joints
- Surface must be clear of dust
- One cartridge of PYTHON EPOXY covers approx. 2 linear metres of stitch

SUBSTRATE	MIN. DEVELOPMENT LENGTH (mm)	CHARACTERISTIC TENSION CAPACITY (kN)
Medium strength clay brick (unreinforced masonry)	100	5
	200	10
	≥300	15

*Tested following the principles of BS EN 845-1

PYTHON STITCH (E) SYSTEM FOR REPAIR OF CRACKED MASONRY



Chase horizontal groove 1/2 to 1/3 of brick depth into mortar joint. Chase to extend 400mm past either side of crack. Chase mortar joint only, every third brick course along crack. Ensure all mortar from groove is fully removed to expose top/bottom brick surface and ensure clean and dust free brick surface. Apply PYTHON STITCH (E) SYSTEM.

PYTHON EPOXY



STITCH 800, STITCH 2000, STITCH 10000

