

BrickFix® Masonry Crack Stitching Kit

Product Description

The **BrickFix® Masonry Crack Stitching Kit** offers a fast and cost-effective solution for crack repair in masonry walls. The system allows cracks in masonry, block and stone walls to be stabilised by bonding BrickFix® Helical Bars into slots cut into the wall's mortar course using specially formulated BrickFix® Helical Grout.

Benefits

- CE marked stainless steel BrickFix® Helical Bars and BrickFix® Helical Grout.
- A fast, cost effective and economical solution
- Eliminates the need to rebuild a wall
- Non-disruptive repair method
- Absorbs further localised stress

Properties

Appearance	BrickFix® Helical Grout	Beige
Size(s) & Packaging	BrickFix® Helical Grout	3 litre buckets (5 kg)
	BrickFix® Helical Bars	1 m, 3 m and 10 m lengths (6 mm diameter)
	BrickFix® Liquid Additive	1 litre plastic pouch with spout
Coverage	10 mm × 40 mm slots (height × depth)	8 – 10 m per 3 litres of BrickFix® Helical Grout ^[1]
	10 mm × 55 mm slots (height × depth)	6 – 8 m per 3 litres of BrickFix® Helical Grout ^[1]
Storage	BrickFix® Helical Grout	Store in a cool, well ventilated area. Protect from frost
Shelf Life	BrickFix® Helical Grout	12 months

Application Information

The Brickfix® Remedial Crack-Stitching Repair System is suitable for cracked buildings where cracks are now static. Remember that crack-stitching will not repair the causes of the cracking, but it will permanently repair the symptoms of the cause of cracking.



Preparation

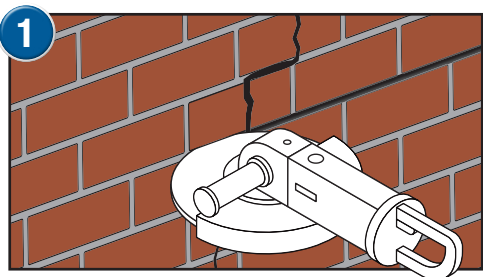
Localised crack-stitching will not cure the cause of the crack. Crack-stitching can only be used to stabilise the symptoms of the cause. Always seek the advice of a structural engineer before undertaking any structural repair.

To install the **BrickFix® Masonry Crack Stitching Kit** you will need a suitable chasing tool, and the relevant PPE clothing/protection.

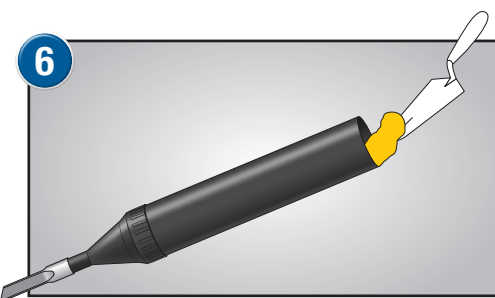
Included in the kit are: 10 × 1 m helical bars, 1 × Brickfix® Helical Grout with pre-measured liquid additive, a mixing paddle, finger trowel and crack-stitching pointing gun with nozzles.

^[1] The average required amount of BrickFix® Helical Grout is approximately one 3 litre bucket per 10 pack of 1 m long BrickFix® Helical Bars

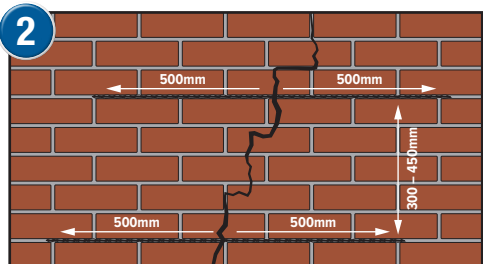
Application



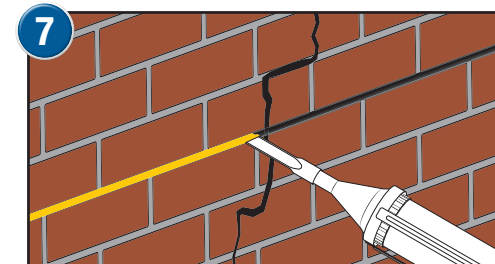
Using suitable chasing equipment, cut horizontal slots into masonry to the required width, depth and length. For single-leaf or cavity walls, the required depth is 25 – 35mm. For thicker, solid walls the required depth is 35 – 40mm. See “Chase Depths and Rod Placement”.



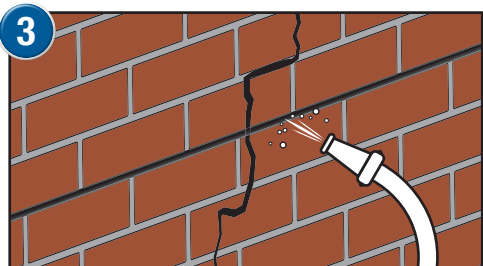
Fill the applicator gun main cylinder with the prepared grout mixture. Then insert the filled tube into the applicator gun. Grout coloured yellow for illustrative purposes only.



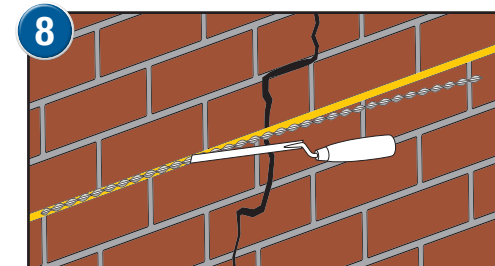
Slots should be cut 500 mm either side of any opening or crack. Vertically, each slot should be 300 to 450 mm apart along the crack.



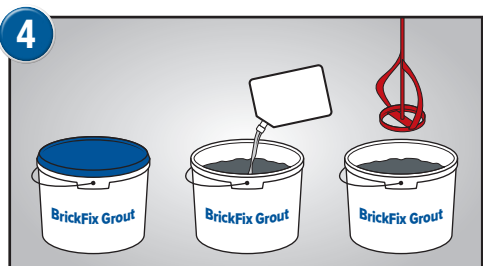
Squeeze the trigger to release the grout and fill the entire length of each slot, ensuring there are no breaks in the bead of grout.



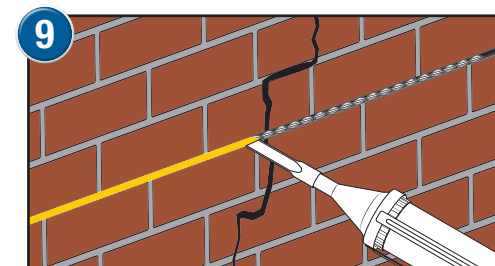
Clean out the slots thoroughly with a brush and clean water.



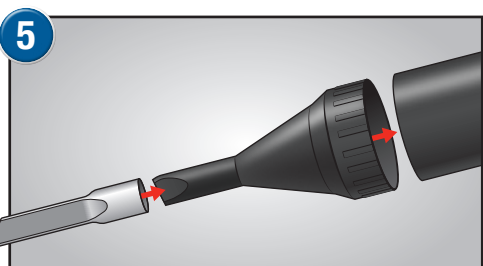
Insert the desired length of BrickFix® Helical Bar into the slot and push it into the grout to the correct depth using the finger trowel. See “Chase Depths and Rod Placement” section on the last page.



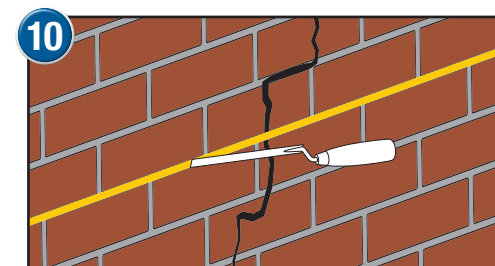
Using the grout container as a bucket, add the liquid additive to the BrickFix® Helical Grout powder and mix for at least 2 minutes, using a low-speed drill mixing paddle attachment (available in the kit), until the powder is completely blended.



Apply a second bead of grout to cover the bar completely.



Assemble the applicator gun by connecting the black conical nozzle (with the large aperture) to the long black cylinder. Then attach the metal nozzle to the black conical nozzle.



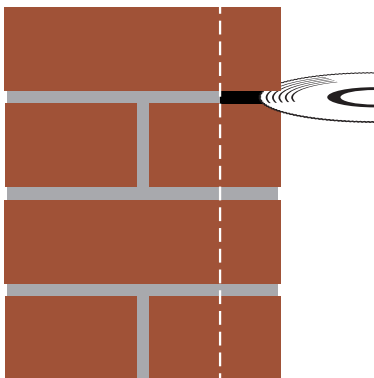
Smooth the grout using the finger trowel then repoint with a suitable mortar.

IMPORTANT: Please remember that crack-stitching will not repair the causes of the cracking, but it will permanently repair the symptoms of the cause of cracking. Always read the more detailed mixing and assembly instructions provided with the grout and grouting gun. Please contact our technical department for advice. Safety datasheets for all components of this kit are available on request from Safeguard Europe.

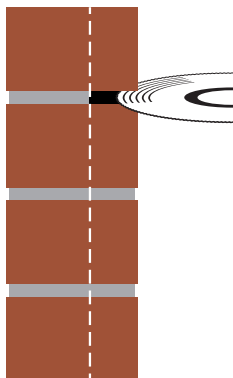
Chase Depths and Rod Placement

Wall Thickness: 215 mm

**CHASE DEPTH:
40 – 45 mm**

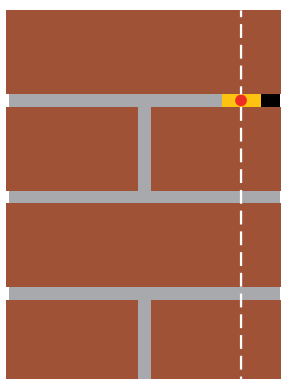


**CHASE DEPTH:
30 – 35 mm**



Wall Thickness: 102 mm

**BAR DEPTH:
30 mm**



**BAR DEPTH:
20 mm**



Information given is in good faith based on experience and usage, however all recommendations are made without warranty or guarantee, since the conditions of use are beyond our control. All goods are sold in accordance with our Conditions of Sale, copies of which are available on request. Customers are advised that products, techniques and codes of practice are under constant review and changes occur without notice; please ensure you have the latest updated information.



**SCAN THE QR-CODE TO VIEW OUR
CRACK-REPAIR WEB PAGE
WITH FULL INSTRUCTIONS AND
ANIMATED DEMONSTRATION VIDEO.**



