



CSKIT

## INFORMATION

The JCP Crack Stitch Twist Starter Kit is a two components system consisting of stainless steel stitching bars and polymer reinforced cement based anchor grout (a two-part cementitious grout). The powder component is based on a Portland cement mix with high quality graded silica sands plus a synergistic blend of admixtures. The liquid component is based on a styrene butadiene co-polymer, which acts as the total gauging liquid. The grout is in a plastic pail, which will act as the mixing vessel. The pack weights are ready for mixing to a pumpable grout and must be used as supplied.

**No part mixing.** The grout is pumped into place using the pumpable mortar cartridge gun. Each filling of the gun must be used within 5 minutes to avoid thickening. The product in the pail must be mixed each time a gun filling is carried out.

Crack Stitch Twist Starter Kit Contains:

- 10 Length of 6mm×1000mm Stitching Bar
- 1×3ltr Tube of Cementitious Grout
- 1×9.5mm Stainless Steel Nozzle
- 1×Crack Stitching Pointing Gun
- 1×Mixing Paddle
- 1×Finger Trowel

## FEATURES

- Two-Part
- Easy To Work
- Fast And Cost Effective
- Non-Disruptive Repair Method
- Minimise Further Cracking
- Absorb Localised Stress
- Excellent Bond To Masonry
- Great Compressive Strength
- Remedial Crack Stitching
- A2/304 Stainless Steel Bars
- Non-Flammable Grout

## BASE MATERIAL

- Brickwork
- Masonry Blockwork
- Stone

## GROUT TESTED ACCORDING WITH

The appropriate parts of:  
BS 6319,  
BS 1881

## RELATED PRODUCTS



CSGROUT  
Vol. 3 litre tub of grout

## YIELD

Supplied in a two-pack format packaged in a plastic pail. The yield of mixed material from each pack is 3 litres.

## STORAGE AND SHELF LIFE

This will have a shelf life of 12 months when kept in dry conditions at a temperature of 5°C to 45°C. Storage at higher temperatures and high humidity may reduce the shelf life.

## PACKAGING AND ORDERING

Supplied in 3 litre pail.

### COMPRESSIVE STRENGTH

Temperature	1 Day	7 Days	14 Days
°C	N/mm <sup>2</sup>	N/mm <sup>2</sup>	N/mm <sup>2</sup>
20	20	50	60



CSGUN

Pointing Gun



CSMP

Mixing Paddle (8mm A/F Hexagon Shaft)



CS061000

CS081000

Stitching Bar



## INSTALLATION CHARACTERISTICS

INSTALLATION CHARACTERISTICS			
Wall Thickness	Application	Slot Depth	Bar Depth
mm	-	mm	mm
102	Crack Stitching	30-35mm	20mm
215	Crack Stitching	40-45mm	30mm

## SPECIFICATION OUTLINE

Crack stitching bars must be installed in accordance within the manufacturer's guidelines. The product must be stored handled and used strictly in accordance with the manufacturer's instructions.

## INSTRUCTIONS FOR USE

### • Preparation:

The mortar joints must be cut out using a suitable chasing tool or angle grinder to 500mm either side of the crack. The depth of the cut should be 35 to 40mm and all the mortar between the bricks removed. Ties should be inserted every 4 to 6 courses as designed by an engineer. The cut should be flushed out with water and then the water blown out with compressed air.

### • Mixing:

This is a two part mix supplied in the correct mixing proportions. Do not attempt part pack mixing. The outer package is a plastic pail, which is used as the mixing vessel. Pour all of the liquid component into the pail and add the powder component slowly whilst continuously mixing. The use of a slow speed high torque drill and mortar stirrer is recommended. After all the powder component has been added continue mixing for a further two minutes to ensure a homogenous mix.

### • Placing:

Load the mixed grout into the cartridge of the injection gun. Inject the mixed grout into the prepared mortar joint, filling from the back, to a depth of about 20mm. Insert the crack stitching bar into the joint, lightly pushing it into the mortar. Fill the joint with the mortar leaving it below the surface to allow for pointing, if required. Each pumpable mortar cartridge filling should be used within 5 minutes. The total working life of the mix will be approximately 60 minutes. Prior to each cartridge loading, the material in the pail should be re-mixed to maintain grout workability. It may be placed at temperatures of 5°C to 35°C.

### • Curing:

During high temperature ambient conditions placed product should not be allowed to dry out for the first three days after placement. Exposed areas of placed product should be cured in accordance with good concrete practice including polythene sheeting or spray applied curing membrane.

## HEALTH AND SAFETY PRECAUTIONS

This is alkaline when mixed and should not come into contact with skin or eyes. Avoid inhalation of dust during mixing and wear safety glasses, dust mask and gloves. If skin contact occurs wash thoroughly with clean water. Should eye contact occur rinse immediately with plenty of clean water and seek medical advice. Full health and safety data is given in product safety data sheet.

## INSTALLATION INSTRUCTIONS VIDEO

To watch the video and subscribe, please click on the link or scan the QR code:

[How to use crack repair system](#)

