

Crackstitching

BFRP Crackbarr



Diagonal cracking in masonry can occur for many reasons, ground subsidence, cracked drains, expansion of rusted steel lintels to name but a few. Repairs can be difficult and expensive but using Basalt Fibre Reinforced Polymer (BFRP) Crackbarrs give a simple but effective solution.

Diagnosis of the original problem is important, therefore, a chartered structural engineer should be engaged to identify the initial cause and if necessary remedial works such as repairing defective drains or replacing corroding lintels should be undertaken prior to repairing the masonry with Crackbarrs. Crackbarrs are **twice as strong as steel** and can be installed using a styrene free resin or cementitious grout.

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Installation



1. Rake out mortar joint 500mm either side of the crack to a depth of 30mm. If using resin clean the joint to remove dust or if using a cementitious grout thoroughly wet the opened joint.
2. Inject resin or grout into the open joint
3. Insert the Crackbarr into the open mortar joint and push with hand pressure into the resin or grout
4. Apply the resin / grout into the joint to completely cover the Crackbarr and repoint as necessary
5. Install at 300 - 400 vertical centres

40 Times less CO2 used in production compared to steel

Applications

Suitable for quick and permanent repairs to all types of masonry

Non-destructive hidden repair

Tensile strength twice that of stainless steel

Can be used to repair plastered or rendered walls

Crackbarrs are available in 6mm and 8mm \varnothing

1000mm standard lengths

100M coils

Bespoke sizes to order

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