

# System Data Sheet



Durable crack repair and masonry reinforcement



## APPLICATION INSTRUCTIONS



### REMOVING GROUT

Scrape out the horizontal joints of the masonry at a few previously defined points to the same distance right and left of the crack. Clearing depth approx. 6 cm.



### CLEANING JOINTS

Carefully clean loose particles or any constituents that may impair adhesion out of the joint, and pre-wet.



### FIRST MORTAR LAYER

Apply first layer of anchor mortar in the joints. Press in the mortar using the mortar gun along the back wall of the joint.



### INSERTING THE SPIRAL ANCHORS

Press spiral anchors into the mortar using a jointing iron. Integrate along a length of approx. 50 cm left and right of the crack.



### SECOND MORTAR LAYER

Apply second layer of anchor mortar. Press in using the mortar gun, use a jointing iron to press again if necessary.



### PLUGGING CRACKS

Fill the crack to consolidate the structure. To do this, first plug the crack on the surface with a suitable round cord.



### FILLING CRACKS

Fill the crack from bottom to top under low pressure with borehole suspension using a hand press.



### FILLING IN CRACKS IN THE STONE

Seal or grout cracks in the area of the stone with RM/Restoration Mortar.



### REPOINTING

Repoint open joints properly and professionally with colour-matched FM/grout.

#### NOTE:

The QR code links to the applicable Technical Data Sheet.

Please contact your specialist retailer for more information.

#### Technical Data Sheet



# Products used

## ANCHORS



### Spiral anchors

Art. No. 4331 Spiral anchor 6/1000 Ø 6 mm  
 Art. No. 4334 Spiral anchor 8/1000 Ø 8 mm

## SPIRAL ANCHOR MORTAR



### Spiral anchor mortar

Application rate: approx. 1.7 kg/l cavity volume  
 Art. No. 1028 Spiral anchor mortar M20 ( $\geq 20$  N/mm<sup>2</sup>)  
 Art. No. 1030 Spiral anchor mortar M30 ( $\geq 30$  N/mm<sup>2</sup>)

## STONE SUBSTITUTION MORTAR



### RM

Application rate: approx. 1.6 kg/l cavity volume  
 Art. No. 0131 – 0140, 0527, 0528  
 (various standard colours available)

## GROUT



### FM SAN

Application rate: approx. 1.6 kg/l joint space  
 Art. No. 1061, 1065, 1066, 1067, 1069  
 (various standard colours available)

## TOOLS



### Cox Ultrapoint joint gun

Art. No. 4321

## TOOLS



### Fine render trowel - Flexis ONE

Art. No. 4233, 4234