

Instructions for rehabilitating cracks

The prerequisites for an optimum rehabilitation of cracks in a mineralit-plate are a dry and clean surface.



1. Cleaning: To get rid of dirt and dust particles the surface needs to be cleaned by using a hand brush.



2. Wedge-shaped opening by using an angle grinder: In this step it's necessary to open the crack in a wedge-shaped way (approx. 10 - 15 mm wide, 10 mm deep)

We recommend a cutting-off wheel of type Diamant for concrete stones $\varnothing 230$ mm.



Masterbatch quartz sands (3 kg) , acrylate bond MMA G12-20 (blue), hardener Pergan 50 W (white powder)



For cracks on the underside of the plate the mixed putty should be slow moving.

3. Mixing the knifing filler: The delivered repair kit provides all components to prepare the knifing filler. Therefore following component parts have to be mixed as described here:

For 100 g mineral mixture 10 g MMA acrylic resin G12-20 are needed. The degree of hardness should be 2 % of the total volume. The fluidity of the knifing filler has to be adjusted to the kind of crack: In case the crack occurs on the surface of the plate we recommend a mixture with a higher fluidity. For cracks on the bottom side of the plate the filler should be toughflowing.



4.



Fill operation of the knifing filler: Now the crack needs to be filled up with the knifing filler. Surplus material has to be removed by using a spatula. The cure time of the knifing filler is about 40 - 50 min.



5. Grinding off: Finally the renewed surface of the filled crack needs to be ground so that it's even to the rest of the surface. Afterwards the coating of the surface will finish the rehabilitation of the crack.

see to that: *Instructions to repair of spalling of the coating surface!*

Please note the producers' material safety data sheets and safety precautions for health and safety measures. All relevant data sheets will be provided by the company Mineralit - Mineralgusswerk Laage GmbH.

The Download is available on <http://www.mineralit.info/service/downloadbereich/>

For further information do not hesitate to get in touch with our contact person:

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repair kit cracks