

# Mautrol® Borehole Suspension

- Industry classification "Mautrol" registered at the German patent office, K 50 862

## Silicifying slurry for filling voids prior to injections against rising damp

### Features

KÖSTER Mautrol® Borehole Suspension is a filling mortar with silicifying properties. It is mixed with water into a thin fluid mortar which is capable of flowing. It can penetrate into the smallest voids and cracks. The application of the material also causes a solidification of the building material.

### Technical data

Pot life	approx. 1 hour
Drill open after	approx. 30 min to 3 hours
Porosity	< 3 % by volume

### Field of application

KÖSTER Mautrol® Borehole Suspension is suited for filling and solidifying voids and cracks in building materials (e. g. prior to the application of KÖSTER Mautrol® 2C, KÖSTER Mautrol® Flex 2C or KÖSTER Mautrol® Liquid Sealant, KÖSTER Crisin® 76) in case of unpressurized injection without KÖSTER Capillary Rods and for closing boreholes after finishing the waterproofing.

### Application

If during or after drilling the boreholes fissures, voids or open joints and cracks are encountered then these have to be filled with KÖSTER Mautrol® Borehole Suspension.

Frist, flush the boreholes with clean water. After that, mix KÖSTER Mautrol® Borehole Suspension with clean water (approx. 12 l per 25 kg bag) into a slurry-like mortar and immediately fill the mortar into the boreholes using suited equipment. Compact the mortar using suited equipment. After approx. 30 minutes to 3 hours, drill the holes open again so that only the voids and not the boreholes are filled. At the earliest after a setting time of 3 hours, the waterproofing can be carried out with the selected waterproofing material. After finishing the waterproofing work, the boreholes are closed using KÖSTER Mautrol® Borehole Suspension.

### Consumption

1.6 kg per l of void

### Cleaning of tools

Clean tools immediately after use with water.

### Packaging

25 kg bag

### Storage

Store the material dry; in originally sealed packages, it can be stored for approx. 6 month.

### Safety

Wear protective gloves and goggles when processing the material. When carrying out injection works, make sure to protect the surroundings from injection material that may be discharged from the wall, packers, boreholes etc. due to the pressurized mode of injection or accidentally. Do not stand directly behind the packers during injection.

### Note

In case of fissures, cavities, open joints or cracks which do not need to be closed due to structural reasons, we recommend to bridge the voids using KÖSTER Capillary Rods; if the wall thickness is greater than 24 cm, we recommend use of the Suction Angle System. Please observe the respective system descriptions.

### Technical guidelines cited

KÖSTER Mautrol® 2C	Art.-No.	3.061
KÖSTER Mautrol® Flex 2C	Art.-No.	3.062
KÖSTER Mautrol® Liquid Sealant	Art.-No.	3.041
KÖSTER Crisin® 76	Art.-No.	3.081
KÖSTER Capillary Rods	Art.-No.	11.063/4
KÖSTER Suction Angle	Art.-No.	12.03087

The information contained in this technical data sheet is based on the results of our research and on our practical experience in the field. All given test data are average values which have been obtained under defined conditions. The proper and thereby effective and successful application of our products is not subject to our control. The installer is responsible for the correct application under consideration of the specific conditions of the construction site and for the final results of the construction process. This may require adjustments to the recommendations given here for standard cases. Specifications made by our employees or representatives which exceed the specifications contained in this technical guideline require written confirmation. The valid standards for testing and installation, technical guidelines, and acknowledged rules of technology have to be adhered to at all times. The warranty can and is therefore only applied to the quality of our products within the scope of our terms and conditions, not however, for their effective and successful application. This guideline has been technically revised; all previous versions are invalid.