



KÖSTER Mautrol Borehole Suspension

Technical Data Sheet M 150 024

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

Silicifying slurry for filling voids prior to the injection of a damp proof course

Features

KÖSTER Mautrol Borehole Suspension is a filling mortar with silicifying properties. It is mixed with water into a thin fluid mortar which flows easily. It can penetrate into the smallest voids and cracks. KÖSTER Mautrol Borehole Suspension also solidifies and strengthens the substrate.

Technical Data

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

Fields of Application

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

Application

If during or after drilling boreholes for the post installation of a damp proof course fissures, voids, open joints, or cracks are encountered, these have to be filled with KÖSTER Mautrol Borehole Suspension. Flush the boreholes with clean water. Mix KÖSTER Mautrol Borehole Suspension with clean water (approx. 12 l per 24 kg bag) into a slurry-like mortar and immediately fill the mortar into the boreholes using suitable equipment. Compact the mortar using suitable equipment. After approx. 30 minutes to 3 hours, drill the holes open again. After a minimum of 3 hours, the waterproofing can be installed with the selected waterproofing material. After finishing the waterproofing work, the bore-holes are closed using KÖSTER Mautrol Borehole Suspension.

Consumption

Approx. 1.6 kg/l void

Cleaning

Clean tools immediately after use with water.

Packaging

M 150 024 24 kg bag

Storage

Store the material dry. In originally sealed packages it can be stored for a minimum of 6 months.

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 packers during injection. Observe all governmental, state, and local safety regulations while processing the material.

Other

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. For wall thicknesses greater than 24 cm, we recommend the use of the Suction Angle System. Please observe the respective system descriptions.

Related products

KÖSTER Loka Handpump	Prod. code IN 952 001
KÖSTER Mautrol Liquid Sealant	Prod. code M 241
KÖSTER Mautrol 2C	Prod. code M 261
KÖSTER Mautrol Flex 2C	Prod. code M 262 020
KÖSTER Suction Angle	Prod. code M 930 001
KÖSTER Capillary Rods	Prod. code M 963

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.