

KÖSTER Mortar Sealing Liquid

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Plastifying, chloride-free mortar sealing liquid

Features

KÖSTER Mortar Sealing Liquid is a chloride-free, light-coloured mortar sealing agent for cement and lime / cement plasters.

KÖSTER Mortar Sealing Liquid reacts with cement. The water uptake and the capillary absorption are lowered significantly.

KÖSTER Mortar Sealing Liquid is plastifying, prevents sedimentation and facilitates application.

Field of application

KÖSTER Mortar Sealing Liquid is a water-repellent additive for producing repair mortars and plasters resistant to ground moisture, pressurised water and driving rain. It can be used for plastering and to lay bricks inside and outside. It is suitable for producing water repellent plasters for the exterior. It is also suited for waterproofing tanks using mortars and plasters.

Substrate preparation

Plaster surfaces and masonry have to be cleaned thoroughly, joints are deeply raked out. The substrate must be firm and rough, if necessary it must be roughened.

Application

KÖSTER Mortar Sealing Liquid is added to the mixing water. Make sure the mortar is mixed well.

In case of medium water pressure (up to 3 bar / 30 m head of water pressure), the min. layer thickness of the plaster should be 3 cm. In case of high water pressure (up to 7 bar / 70 m head of water pressure), the min. layer thickness of the plaster should be 5 cm.

The plaster should be applied beginning min. 50 cm above the highest ground water level. Corners should be rounded. Screeds should have a layer thickness between 3 and 5 cm. When waterproofing screeds, the mortar should also be applied to the walls up to 20 cm above the floor via a previously installed fillet.

Consumption

1. For plasters inside, outside, on facades and for screeds

Cement/sand-mix	1 : 2 to 3
Mixing ratio (Mortar Sealing Liquid : water)	1 : 30
Amount to be added:	
1 m ² plaster at 3 cm layer thickness:	approx. 200 g
1 bag cement (25 kg):	approx. 350 g
1 m ³ mortar requires	approx. 7 kg

The mixing ratio 1 : 30 is only used in case of dry sand. In case of wet sand, the mixing ratio is applied to the cement (350 g per 25 kg cement).

2. For waterproofing basements against pressurized water

Cement/sand-mix	1 : 2 to 3
Mixing ratio (Mortar Sealing Liquid : water)	1 : 25
Amount to be added:	
1 m ² plaster at 3 cm layer thickness:	approx. 250 g
1 bag cement (25 kg):	approx. 400 g
1 m ³ mortar requires	approx. 8 kg

Cleaning of the tools

Clean tools with water immediately after use.

Packaging

10 kg jerry can

Storage

Store the material in a cool but frost-free place; it can be stored for approx. 12 month.

Frozen material can be used again after thawing.

Safety

Avoid eye contact. Wear protective gloves and goggles during application.

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.