



KÖSTER MF 1

Technical Data Sheet P 280 012

Issued: 2021-12-09

Mineral paint in powder form for interior and exterior use

Features

When mixed with water, KÖSTER MF 1 forms a white mineral paint which can be used inside and outside. After curing, KÖSTER MF 1 displays its typical matt and mineral finish. The product is in the classical sense not film forming and it has very good water vapour permeability. Used inside, it ensures a natural room climate and is algae, mold, and fungi inhibiting even though it does not contain fungicides. KÖSTER MF1 should only be applied on crack-free building structures.

Technical Data

Max. aggregate size: < 0.1 mm

Fields of Application

KÖSTER MF1 can be used for painting all mineral gypsum-free wall surfaces inside and outside such as concrete, masonry, cement plaster. Further, it can be used in living and office spaces, in preservation of historical monuments, on facades, basement walls, garages, etc..

Substrate

The mineral substrate must be clean, sound, and solid. Substances which effect bonding adversely such as bitumen, paint, oil etc. have to be removed mechanically or by other suitable methods. Absorbent substrates have to be pre-wetted with water, strongly absorbent substrates have to be primed with KÖSTER Polysil TG 500.

Application

Mixing

Mix KÖSTER MF1 with clean potable water into a homogenous, creamy, spreadable mass. Add the powder into the water.

Mixing ratio: Per 1 kg of KÖSTER MF1 powder approx. 420 - 460 ml water are added.

Application

The paint is applied in two coats using a paint brush or a short haired roller. A minimum waiting time of 3 hours and a maximum of 24 hours should be allowed between the application of the separate coats.

For application, the surrounding temperature as well as the temperature of the substrate must be above + 5 °C.

Exposure of the freshly painted area to heat, frost and strong wind has to be avoided for at least 24 hours after application.

Painted surfaces can be treated with KÖSTER Siloxan or KÖSTER Facade Cream after 7 days at the earliest for better water repellency.

Consumption

Approx. 1.6 kg / m² in 2 coats (per coat approx. 0.8 kg / m²)

Cleaning

Clean tools immediately after use with water.

Packaging

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12 kg bucket

Storage

Store the material dry. In originally sealed packages it can be stored for

a minimum of 12 months. The material can be shipped during frost.

Safety

Contains cement. Reacts alkaline. Wear gloves and goggles when processing the material. On contact, rinse off thoroughly with water. Observe all governmental, state, and local safety regulations when processing the material.

Other

Important notice

When painting different substrates with water based, open-pored coating systems, certain substances such as salts, nicotine, rust, moisture, etc. can penetrate through from the substrate and cause discolorations or differences in hues of colour. Because of that, suitability testing and preliminary testing should be carried out. Pot life is approx. 30 minutes at + 20 °C.

Related products

KÖSTER Polysil TG 500

KÖSTER Façade Cream

KÖSTER Siloxan

KÖSTER NB 1 Brush for slurries

Prod. code M 111

Prod. code P 200

Prod. code P 240 010

Prod. code W 913 001

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.

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