

MF1

Mineral paint in powder form for inside and outside use

Features

When mixed with water, KÖSTER MF1 forms a white mineral paint which can be used inside and outside. After curing, KÖSTER MF1 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.

Field 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 preparation

The mineral substrate must be clean and firm. Substances which effect bonding adversely e. g. bitumen, paint, oil etc. have to be removed mechanically or with other suited methods. Absorbent substrates have to be pre-wetted with water, strongly absorbent substrates have to be primed with KÖSTER Polysil® TG 500.

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.

Important notice

When painting different substrates with water based, open-pored coating systems, certain substances e. g. salts, nicotine, rust, but also 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 (test area) should be carried out.

Pot life is approx. 30 minutes at 20 °C.

Consumption

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

Storage

Store the material dry; in originally sealed packages, it can be stored for approx. 12 month. The material can be shipped during frost.

Packaging

20 kg bag 12 kg bag

Safety precautions

Contains cement. Reacts alkaline. Thus protect skin and eyes when processing the material. On contact, rinse it off thoroughly with water.

Technical guidelines cited

KÖSTER Polysil TG® 500 Art.-No. 4.011

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.