



Concrete Sealer

Dust binder for concrete and floor screeds



AREA OF USE

Concrete Sealer can be used as a dust binder/ top hardening coating for use on concrete and Mapei's floor screeds.

TECHNICAL CHARACTERISTICS

Concrete Sealer is a combination of special silicates and an alkali stable styrene acrylic.

Concrete Sealer contains alkaline water glass that reacts with the final products of the reaction between cement and water, to form a more compact surface layer.

Concrete Sealer contains acrylic that forms a thin film on the surface which acts as a dust binder, and makes the surface easier to clean.

APPLICATION PROCEDURE

Preparation of the substrate:

Concrete and screeds should be at least 14 days old before the application of **Concrete Sealer**.

The surface should be dry, clean, firm and absorbent. Remains of organic binders will impede penetration of the water glass into the concrete and should therefore be removed. The temperature should be at minimum +10°C over a 24 hour period following application.

Preparation of the product:

The product can be used as it is, but for good penetration into the substrate the first coat of **Concrete Sealer** can be diluted with water in the ratio 1:1. Dense substrates like steel trowelled concrete and self-levelling screeds should always be diluted with water.

Application of the product:

Concrete Sealer can be applied in 1-2 coats with a roller or a rubber squeegee. If a second coat is required it should be applied immediately after the first coat has been absorbed into the substrate.

Make sure the product is evenly distributed and that pools are avoided. If pools should form, they will subsequently dry up to leave white areas on the surface.

CLEANING

Tools and equipment must be washed immediately after use with water.

CONSUMPTION

Consumption is approximately 0.2 – 0.4 kg/m² for 1-2 coats, depending on the temperature and the substrate's coarseness and absorption.

PACKAGING

10 and 25 kg cans, 200 kg drums and 1000 kg IBC.

TECHNICAL DATA (typical values)

PRODUCT DETAILS

Color:	white
Apperance:	liquid
Density (g/cm³):	1.04
Brookfield viscosity at + 23 C (mPa*s):	approx. 6
pH:	approx. 11,5
Dry solid content:	approx. 13 %

APPLICATION DATA

Application temperature range:	+10 - 30 °C
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STORAGE

Properties for use are not changed for a period of 12 months if stored between + 5 and + 30 °C in unopened in original packaging.

SAFETY INSTRUCTIONS FOR PREPARATION AND USE

Concrete Sealer is not considered dangerous according to the current regulation regarding the classification of mixtures. It is recommended to wear gloves and googles and to take the usual precautions taken for handling of chemicals. For further and complete information about safe use of our product please refer to the latest version of our Material Safety Data Sheet.

PRODUCT ONLY FOR PROFESSIONAL USE!

NOTE

Although the technical details and recommendations contained in this product data sheet correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application: for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application: in every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Please refer to the current version of the Technical Data Sheet, available from our website www.mapei.com

**All relevant references
for the product are available
upon request and from
www.mapei.no**



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