

CAPOSIL concrete varnish

Application data sheet

PROPERTIES

CAPOSIL is a solvent-free, single-component coating that protects and enhances concrete and other mineral surfaces.

The treated surfaces are open to diffusion and non-yellowing and are characterised by very good scratch and heat resistance.

CAPOSIL offers excellent protection against the penetration of water and oil. Depending on the type of application, a matt or glossy surface appearance is achieved.

APPLICATIONS

Surfaces treated with CAPOSIL are particularly easy to clean and highly resistant to abrasion and heat. The product significantly deepens the colour tone and gives the surface a more vibrant appearance.

The use of CAPOSIL achieves the following positive properties:

- ✓ Effective surface protection
- ✓ Resistance to waterlogging
- ✓ Resistance to oils and greases
- ✓ Very good dirt repellence
- ✓ Heat resistance
- ✓ Colour deepening

COMPOSITION

Varnish based on silicone resin

SUBSTRATE / FORMWORK

The substrate must be dry, clean and dust-free. The concrete to be coated may have a maximum residual moisture content of 4%.

PROCESSING

Working temperature

Do not apply at air, material and substrate temperatures below +10 °C and above +25 °C.

Working time

approx. 20 minutes

Mixing / Preparation

Stir product well before use!

Application / Processing

CAPOSIL is applied in 2 or 3 coats. A waiting time of 24 hours must be observed between applications. The product is applied by airless spraying, with a roller or with a brush.

The use of a thinner is possible but not necessary. It may be recommended for the first coat to increase the penetration depth. Isopropanol in a dosage of up to 15% is suitable as a thinner.

Setting / Hardening

Allow the coated surface to dry for approx. 24 hours after application and store in a well-ventilated place.

Tool cleaning

Clean tools with isopropanol.

Other information

After removal, close the opened container tightly and use up any remaining quantities as quickly as possible. Never pour residual material back into the opened container. For disposal instructions, please refer to the safety data sheet.

CONSUMPTION / YIELD

The required application quantity depends on the substrate to be treated and is approx. 100 ml/m². It should always be determined precisely in advance by carrying out your own tests.

TECHNICAL DATA

Base:	Silicone resin
Odour:	characteristic
Colour:	colourless
Consistency:	liquid
pH-value:	not applicable, insoluble in water
Density:	approx. 1.15 g/cm ³
Processing with:	brush / roller / syringe
Consumption:	approx. 100 ml/m ² , depending on substrate
Application temperature:	+ 10 °C to + 25 °C

DELIVERY FORM

500 ml bottle, 1 l canister, 2.5 l canister, 5 l canister

STORAGE

At +5 °C to +25 °C, protect from frost, heat and sunlight. Can be stored for at least 6 months if stored properly.

SAFETY INSTRUCTIONS

When applying to larger areas (1 m² or more), ensure that the room is well ventilated.

Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with water. In case of contact with skin, wash skin with water and a suitable cleanser. When handling chemical substances, the usual precautionary measures must always be observed.

DISPOSAL

Dispose of in accordance with official regulations. Empty containers should be recycled.

GENERAL INSTRUCTIONS

The information in this leaflet only represents general recommendations. Should any questions arise in a specific application, please contact our responsible technical sales consultant or our online forum <https://betonsprechstunde.moertelshop.com>. Due to the use of natural raw materials, the stated values and properties may be subject to fluctuations. All information is based on our current knowledge and experience and refers to professional application and normal use. All information is non-binding and does not release the user from the obligation to check the suitability of the product for the intended use. A guarantee for the general validity of all information is excluded with regard to different weather, processing and object conditions. We reserve the right to make changes within the scope of further product and application technology developments. The general rules of construction technology, the applicable standards and guidelines as well as technical processing guidelines must be observed. With the publication of this technical data sheet, previous editions lose their validity. For the latest information, please refer to our website www.moertelshop.com.

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