

# CAPOSIL pigment paste

Application data sheet

## PROPERTIES

CAPOSIL pigment pastes are non-aqueous preparations with a pigment content of between 20 and 70 %. They are used to produce coloured glazes and top coats based on the transparent CAPOSIL Concrete Varnish.

## APPLICATIONS

Pigment pastes are added to the CAPOSIL Concrete Varnish in dosing quantities of 6 to 8 %. Different colour shades can be mixed with each other.

For the production of opaque colour coats, in addition to the pigments, a suitable rock flour is also required as a filler.

## COMPOSITION

Pigments and phthalate-free plasticisers

## 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

As the pigment pastes themselves do not contain a binder, the processing time is not limited. After mixing with CAPOSIL Concrete Varnish, the processing time is approx. 20 minutes.

### Mixing / Preparation

The recommended dosage for transparent glazes is 6 g of pigment paste to 100 g of CAPOSIL Concrete Varnish and (only for opaque colour coats) an additional 80 g of rock flour.

Due to their special form of preparation, the pigments are distributed very well and without any special mixing technique in the preparation. However, the additional mixing in of rock flour may require the use of a high-speed mixer.

Stir product well before use!

### Application / Processing

The pigmented CAPOSIL Concrete Varnish is applied in 2 or 3 coats. A waiting time of 24 hours must be observed between applications. It 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 amount of pigment required depends on the substrate to be coated and the desired opacity. Typical values are max. 10 g of pigment paste per m<sup>2</sup>.

The opacity of weakly opaque colours such as yellow can be significantly increased by adding a little white pigment paste.

## TECHNICAL DATA

Base:	Pigments and phthalate-free plasticisers
Odour:	characteristic
Colour:	intensive, depending on the colour tone
Consistency:	liquid
pH-value:	not applicable, insoluble in water
Density:	approx. 1.15 g/cm <sup>3</sup>
Processing with:	brush / roller / syringe
Consumption:	0 - 10 g/m <sup>2</sup> , depending on the substrate and the desired intensity
Application temperature:	+ 10 °C to + 25 °C

## DELIVERY FORM

250 g can, 1500 g can, 30 or 40 kg hobbock (depending on colour shade)

## 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 m<sup>2</sup> 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  
rinse immediately with water and consult a doctor. 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](http://www.moertelshop.com).

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