



## PROPERTIES

Natural white, sandable smoothing filler for achieving very smooth wall surfaces, particularly easy and smooth to apply, sand-free, water-repellent, open to water vapour diffusion, frost-proof and water-resistant after hardening.

## APPLICATIONS

For smoothing, levelling and repairing facades as well as wall and ceiling surfaces, in domestic damp rooms, for full-surface finishing and joint filling of plasterboard and for closing precast concrete joints, e.g. in filigree ceilings.

Suitable for indoors and outdoors

## COMPOSITION

White cement, fine aggregate, admixtures

## SUBSTRATE / FORMWORK

Suitable substrates are load-bearing old render surfaces, lime, lime-cement or cement sub-renders, lightweight renders with a compressive strength  $> 1.5 \text{ N/mm}^2$ , normal concrete, lightweight and highly heat-insulating substrates, e.g. lightweight brick, aerated concrete and lightweight concrete.

The substrate must be dry, even, clean, load-bearing and absorbent, free of adhesion-reducing residues, efflorescence and sintered layers. The load-bearing capacity, especially of old renders and coatings, must be carefully checked (e.g. carry out a tear-off test or grid cut). Completely remove coatings that are not load-bearing.

## VERARBEITUNG

### Working temperature

Do not process and allow to dry / set at air, material and substrate temperatures below  $+5^\circ\text{C}$  and with expected night frost as well as above  $+30^\circ\text{C}$ , direct sunlight, strongly heated substrates and/or strong wind effects.

### Working time

approx. 30 minutes (times refer to  $+20^\circ\text{C}$  and 65% relative humidity.) Mortar that has already set must not be diluted with additional water, mixed and further processed.

### Mixing / Preparation

Mix with a whisk, first pour the amount of water specified in the technical data into a clean container and sprinkle in dry mortar. Use clean tap water. Mix material homogeneously and lump-free, allow to mature for approx. 2 minutes and stir again.

Do not mix with other products and/or foreign substances.

Up to 20 g of cement-compatible colour pigments can be added per kg of dry mass.

### Application / Processing

Apply material with a trowel and smooth. In case of multi-layer application, the following layer can be applied after sufficient hardening of the previous layer. We recommend a layer thickness of 3-5 mm when applying over the entire

surface. Any unevenness can be sanded with sandpaper after a standing time of approx. 12 to 24 hours, depending on the substrate, the application thickness and the weather conditions.

### Setting / Hardening

The fresh mortar must be protected from drying out too quickly and from unfavourable weather conditions such as frost, draughts, direct sunlight and direct driving rain, if necessary by hanging it with foil.

### Tool cleaning

Clean tools and equipment with water immediately after use.

### Other information

Carefully cover adjacent surfaces and components (e.g. windows, window sills, etc.). Wash off contamination immediately with water.

In indoor areas, start heating with slowly increasing room temperature.

## CONSUMPTION / YIELD

Consumption: approx. 1.0 kg/m<sup>2</sup> per 1 mm application thickness

Yield: 20.7 l wet mortar per 20 kg bag

## TECHNICAL DATA

Processing temperature:	+5 °C to +30 °C
Working time at 23 °C:	max. 30 minutes
Water requirement:	approx. 10 litres per 20 kg
Compressive strength after 28 days:	≥ 6.0 N/mm <sup>2</sup>
Solid mortar bulk density:	approx. 1 kg/dm <sup>3</sup>
Grain size:	flour fine
Hue:	natural white

## DELIVERY FORM

20 kg bag, 4 kg bag

## STORAGE

Store in a dry and appropriate place.

Can be stored for at least 12 months from the date of production in the sealed original container.

## SAFETY INSTRUCTIONS

The product reacts strongly alkaline with moisture/water. Therefore protect eyes and skin. Wear rubber gloves when applying the product manually. In case of contact with skin, rinse with plenty of water. In case of eye contact, consult a doctor immediately. Observe further instructions in the safety data sheet.

GISCODE: ZP1 (cementitious products, low in chromate).

## DISPOSAL

Dispose of in accordance with official regulations. Empty containers should be recycled. Material residues can be disposed of according to the Waste Catalogue Ordinance under waste code 17 01 01 (concrete) or 10 13 14 (concrete waste and concrete slurry).

## 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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