



## PROPERTIES

Natural white, fast-setting special cement for artistic designs

## APPLICATIONS

Production of objects made of wood chip concrete using modelling techniques and production of light and thin-walled, glass-fibre reinforced concrete objects using laminating techniques.

Applicable for indoor and outdoor use. Only limited weather resistance in combination with wood chips.

## COMPOSITION

White Portland cement, white calcium aluminate cement, admixtures

## SUBSTRATE / FORMWORK

The compound prepared with WUTZ is applied to a shaping support body, which can be removed again after hardening. If necessary, a release agent should be used or a film placed in between to enable subsequent separation.

## VERARBEITUNG

### Working temperature

Do not apply at air, material and substrate temperatures below +5 °C and above +30 °C.

### Working time

approx. 2 to 5 minutes (times refer to +20°C and 65% relative humidity.) Mortar that has already slightly set may still be diluted with a little additional water for a short time, mixed up and further processed.

By adding Portland cement, the working time can be extended up to 20 minutes, depending on the mixing ratio.

### Mixing / Preparation

Mix 100 g dry mass with approx. 60 ml clean water to a soft-plastic consistency and then mix in approx. 5 g glass fibres or approx. 35 g wood shavings. Rubber gloves must be worn when mixing and kneading by hand. It is recommended to mix only small quantities so that they can be used in a short time.

For modelling (after adding wood shavings), the consistency of the mass must be about the same as soft clay. For laminating, it must be much softer (after the addition of glass fibres). Even very small amounts of too much water can make the mass too soft and thus unusable for processing in the desired technique. In this case, further dry mass must be kneaded in until the consistency is ideally adjusted.

Up to 5 g of cement-compatible colour pigments may be added per 100 g dry mass.

### Application / Processing

The material is applied quickly immediately after mixing. In case of a multi-layer build-up, wait at least until the preceding layer has set between the individual layers.

## Setting / Hardening

Protect from rapid dehydration by sun, wind or draughts.

If wood shavings are used in the mixture, the finished product must not be wrapped in foil to set, but should be kept draught-free but open and ventilated from all sides for the first few days.

Low temperatures delay, high temperatures accelerate the setting and hardening.

## Tool cleaning

Clean tools and equipment with water immediately after use.

## Other information

As a rule, no additives may be added.

## CONSUMPTION / YIELD

Consumption: approx. 0.7 kg/l (wood chip concrete)

30 l wood chip concrete per 20 kg bag

## TECHNICAL DATA

Processing temperature:	+5 °C to +30 °C
Working time at 23 °C:	approx. 2 to 5 minutes
Water requirement:	Yield: approx. 12 litres per 20 kg
Mixing time:	approx. 30 seconds
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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