

PLASTY FIX grey

Application data sheet



PROPERTIES

Grey, fine-grained, high-strength kneading concrete for artistic design

APPLICATIONS

Production of frost- and weather-resistant concrete objects using the modelling technique

Applicable for indoor and outdoor use.

COMPOSITION

Binder according to DIN EN 197, aggregates, admixtures

SUBSTRATE / FORMWORK

When concreting onto existing concrete, the substrate must be clean, load-bearing and dust-free.

VERARBEITUNG

Working temperature

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

Working time

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

Mixing / Preparation

Mix the dry mass with approx. 150 ml clean water per kg and knead to a firm paste-like consistency. Rubber gloves must be worn when kneading. It is recommended to mix only small quantities so that they can be processed in a short time.

Up to 25 g of cement-compatible colour pigments can be added per kg of dry matter.

Application / Processing

The material is applied quickly immediately after mixing. In the case of multi-layer construction, a time interval of about one day must be observed between the layers and the substrate must be pre-wetted in each case.

By adding up to 15 % RAPIZEM Accelerator, a considerably faster setting and hardening can be achieved if necessary, which reduces the required time interval between two layers to a few minutes. In this way, a particularly speedy working method is possible.

Setting / Hardening

Protect from too rapid water extraction by sun, wind or draught.

Low temperatures delay, high temperatures accelerate solidification and hardening.

Tool cleaning

Clean tools and equipment with water immediately after use.

Other information

As a rule, no additives may be added.

However, the addition of up to 15 % RAPIZEM accelerator is permissible if required.

CONSUMPTION / YIELD

Consumption: approx. 2 kg/l

Yield: 12.5 l wet mortar per 25 kg bag

TECHNICAL DATA

Processing temperature:	+5 °C to +30 °C
Working time at 23 °C:	approx. 20 minutes
Water requirement:	approx. 3.75 litres per 25 kg
Mixing time:	approx. 2 minutes
Compressive strength after 28 days:	≥ 50 N/mm ²
Flexural strength:	≥ 5 N/mm ²
Grain size:	0-0.5 mm
Hue:	grey

DELIVERY FORM

25 kg bag, 5 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

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