STUDIO LINE

RAPIZEM

Application data sheet

PROPERTIES

Grey, powdery admixture based on calcium sulfoaluminate (CSA) for accelerating the setting of Portland cement-bound concretes and mortars

APPLICATIONS

Production of accelerated-setting concretes with particularly high early strength

Applicable for indoor and outdoor use.

COMPOSITION

Calcium sulfoaluminate (CSA)

SUBSTRATE / FORMWORK

No specific information

VERARBEITUNG

Working temperature
Due to the accelerating effect, the mixtures prepared with RAPIZEM can still be used at temperatures between 0°C and 5°C. In particularly warm ambient conditions, RAPIZEM should not be dosed too high in order to still be able to apply the mixture consistently in the available time. Temperatures below 0°C or above 30°C should be avoided.

Working time
The processing time can be adjusted as desired via the dosing quantity. With a dosing quantity of 30 % in relation to the Portland cement contained in the mixture, setting takes place within about 5 to 10 minutes.

Mixing / Preparation
RAPIZEM shall be added to the mixture at the beginning of the mixing process and mixed together with all other ingredients.

Application / Processing
Only mix as much material as can be applied consistently within the working time.

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
No specific information

CONSUMPTION / YIELD

Consumption: approx. 5 to 20 % of the amount of Portland cement contained in the mixture

Yield: depending on the dosing quantity, approx. 10 to 100 l of accelerated concrete per 4.5 kg bag.

TECHNICAL DATA

Processing temperature:	0 °C to +30 °C
Working time at 23 °C:	approx. 5 to 10 minutes
Water requirement:	No specific information
Mixing time:	approx. 1 minute
Grain size:	flour fine
Hue:	grey

DELIVERY FORM

4.5 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 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

BACK STEIN

Application data sheet
RAPIZEM

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