

akurit GAB

Absorption barrier

primer for highly absorbent substrates

- diluted with water
- drying time: approx. 3 hours
- dyed beige for visual control



Applications

- on very or to a varying degree absorbent substrates, e.g. aerated concrete, lime sandstone, lightweight bricks, mixed masonry
- to prevent water from being absorbed too rapidly from subsequent layers
- for external and interior use

Properties

- brushable
- good workability

Composition

- Binder basis: Acrylate copolymers

Substrate

Suitable substrates

- Heavily or varyingly absorbent substrates, e. g. aerated concrete, vertical coring lightweight brick, vertical coring brick or mixed brickwork

Condition / Testing

- For assessing the plaster primer, VOB/C DIN 18350, Section 3, DIN EN 13914-1/13914-2 as well as the plaster standard DIN 18550-1/18550-2 should be observed.
- The substrate must be dry, clean, load-bearing, dust-free, absorbent and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.
- The product may not be used on damp surfaces.

Pretreatment

- Remove loose particles, dust and adhesion-depleting contaminants.

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Processing

Temperature

- Do not process or allow to dry out at air, material or substrate temperatures below +5°C, or if there is a risk of exposure to night frost, or at temperatures above +30°C, or in direct sunlight, or on heated up surfaces, and/or in windy conditions.
- Make sure that no condensation builds up on the surface during processing/drying.

Mixing / Preparing / Processing

- The product can be diluted with clean tap water depending on the absorbency of the substrate.
- Dilute approx. 1:2 by volume with clean tap water on aerated concrete.
- Dilute approx. 1:3 by volume with clean tap water with on lime sandstone.

Applying / Processing / Assembling

- Apply product evenly with a sheepskin roller, wall brush or appropriate spray device.
- The primer must be completely absorbed by the substrate. There should be no shine visible on the surface after drying.

Drying / Hardening

- Drying time: Approx. 3 hours at +20 °C and 65% relative humidity.
- The drying time is dependent on the temperature, the relative humidity and the absorbency of the substrate.
- Low temperatures and/or high humidity will delay drying, while high temperatures and/or low humidity accelerate it.
- The subsequent coating may not be applied until completely dry.

Subsequent coating / workability

- Suitable for subsequent coating with lime, lime-cement and cement plasters.
- Suitable for subsequent coating with gypsum and lime-gypsum plaster.

Tool cleaning

- Clean all tools and equipment with water immediately after use.

Notes

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

Packaging

- 5 l/bucket
- 15 l/bucket

Storage

- Store in the original, unopened packaging in dry, frost-free conditions.
- If stored in its original packaging, the product will keep for at least 12 months from the date of manufacture.

Quantity required / Yield

- consumption: approx. 200 ml/m² on aerated concrete
- The amount used depends on the condition of the substrate, the dilution and the application method. Determine the exact value by trial application on the object.

Safety and disposal instructions

Safety

- This product contains maximum 5 g/l VOC.
- Contains the active substance methyl benzyl isothiazolinone as pot preservative. Can trigger allergic reactions. For allergy information call +49 551 19240. Liquid material residues may not be allowed to come into contact with soil or ground water. Keep out of reach of children. In the event of contact with eyes or skin, immediately rinse thoroughly with water.
- Keep out of reach of children.
- Follow further instructions in the safety data sheet.

GISCODE

- M-GP01 (primer materials, pigmented, diluted with water)

Disposal

- Dispose of the material in accordance with the official regulations.
- Completely empty and recycle the packaging.
- Liquid product remains can be disposed of according to waste directory ordinance under Waste Code 08 01 20 (aqueous suspensions exceptions of those falling under 08 01 19).
- Dried product remains can be disposed of according to waste directory ordinance under the Waste Code 08 01 12 (ink and paint wastes with the exception of those falling under 08 01 11).

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General notes

This information sheet provides only general recommendations. Should you have any queries relating to a specific application, please contact our technical sales advisor or call our hotline: +49 541 601-601. All of the details given are based on our current knowledge and experience and on the assumption that the materials are professionally applied and used for their normal purpose. All of the details are non-binding and do not release users from their duty to undertake their own tests to ensure suitability for the intended application. Due to the effects of different weather, processing and construction site conditions, no guarantee can be given for the general validity of all details. We reserve the right to make changes as a result of further development of the product and applications engineering. The general rules for construction engineering, the valid standards and guidelines, and the technical working guidelines must be observed. The publication of this technical data sheet renders all previous editions of this data sheet void. Please obtain the latest information from our website.