

akurit GPG

Plaster primer

plaster primer pre-treatment for mineral, silicone resin and dispersion-based finish coats

- acrylate filled primer
- adhesion promoter
- CO₂ and water vapour permeable



Applications

- for reduction and unifying the absorbency of the base plaster
- in AKURIT thermal insulation systems in combination with mineral AKURIT finish coat, AKURIT PSH silicone resin plaster and AKURIT PDI dispersion plaster
- for external use

Properties

- extends the finish coat time window during processing
- alkali resistant
- organic

Appearance

- Filled
- white or coloured
- colours: in accordance with ColorPoint 20.10 colour palette

Substrate

Suitable substrates

- base plasters or reinforcement plasters bound with lime, lime-cement or cement
- organically-bound primer and reinforcement plasters

Condition / Testing

- Substrate should be appraised taking into consideration the instructions of the German Construction Contract Procedures (VOB) part C, DIN 18363, the BFS-data sheet no. 9 and the manufacturer's specifications.
- The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.
- Test existing coatings for load capacity (e.g. carry out peel-off or cross-cut test).
- Base plasters must be dried out fully before reworking, taking into consideration the required drying time.

Pretreatment

- Non-load-bearing coatings must be completely removed.

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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.

Mixing / Preparing / Processing

- Stir product well before use.
- Depending on the substrate, adjust to working consistency as required with maximum 10% clean tap water.

Applying / Processing / Assembling

- Apply material evenly and smoothly (paint or roller) to the substrate.
- Only suitable for airless spraying under certain conditions.

Drying / Hardening

- Can be worked over after approx. 12 hours drying time (at +20 °C and 65% relative humidity).
- The subsequent coating may not be applied until completely dry.
- The drying time is dependent on the temperature, the relative humidity and the absorbency of the substrate.

Subsequent coating / workability

- Finish coats can be carried out with improved mineral facing plasters and organic-bound plasters such as silicate, silicone resin or dispersion plasters.

Tool cleaning

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

Notes

- Without a final coating, the product is not fully weatherproof.

Packaging

- 7 kg/bucket
- 23 kg/bucket

Storage

- Store in the original, unopened packaging in dry, frost-free conditions.
- Protect against direct sunlight.

Quantity required / Yield

- consumption: approx. 0.3 kg/m²
- 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.

Technical Data

Density 1,4 – 1,6 g/cm³

Grain size 500 µm
S2 (medium)

Diffusion-equivalent air layer thickness (s_{d-value}) 0.21 - 0.32 m

Water vapour diffusion resistance µ 3,200

All data are average values that were determined under laboratory conditions according to relevant test standards and application tests. Deviations are possible under practical conditions.

Safety and disposal instructions

Safety

- Contains the preservative 1.2-benzisothiazol-3(2H)-one, mixture of 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). Can trigger allergic reactions.
- Follow further instructions in the safety data sheet.
- VOC content:
EU limit value for this product (product category A/h): 30 g/l
- This product contains 29.3 g/l VOC.

GISCODE

- BSW20 (coating materials, water-based)

Disposal

- Dispose of the material in accordance with the official regulations.
- Completely empty and recycle the packaging.

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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.