

akurit GQG

Silica primer

Adhesive primer with silica sand

- solvent-free
- colour: white



Applications

- used as a primer for thin-layered mineral and paste-like finish coats on smooth substrates
- used as primer paint for mosaic plasters
- for external and interior use

Properties

- high adhesiveness
- fine untreated surface
- diluted with water
- water-vapour permeable

Substrate

Suitable substrates

- base plasters or reinforcement plasters bound with lime, lime-cement or cement
- Gypsum or gypsum-lime plasters
- old load-bearing plaster surfaces
- Cement fibreboards
- gypsum plasterboard and gypsum fibreboard
- Intact, firmly adhering dispersion colours
- Concrete

Condition / Testing

- The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.
- 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.
- On substrates where discolouration due to soluble constituents can be expected, such as lignin, AKURIT GQS silica primer is to be used.
- The residual moisture of concrete substrates is to be determined with the Darr method. It must be no more than 3.0 % by weight.

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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.
- If need be, adjust to working consistency with maximum 20 % clean tap water.
- Stir material again occasionally.

Applying / Processing / Assembling

- Apply product evenly onto the substrate with appropriate tool, e.g. sheepskin roller, paintbrush or brush.

Drying / Hardening

- 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.
- As a rule the coating can be gone over after approx. 24 hours drying time (at +20 °C and 65% relative humidity).

Subsequent coating / workability

- Suitable for subsequent coating with AKURIT VARIOSTAR texturing plaster, all mineral AKURIT thin-layered plasters, as well as AKURIT silicate, silicone resin, dispersion and mosaic plasters.

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.
- Not to be used as a plaster primer in AKURIT external thermal insulation composite systems.

Packaging

- 5 kg/bucket
- 15 kg/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. 0.2 – 0.25 kg/m²

Technical Data

Density	ca. 1,5 g/cm ³
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Colour	white
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Drying time	approx. 24 hours
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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

- If any product gets into the eyes, rinse out immediately with clean tap water. Consult optician. Clean with plenty of water after skin contact.
- Follow further instructions in the safety data sheet.

Disposal

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

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. Since natural raw materials are used, the values and properties described may vary somewhat. 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.