

akurit GQS

Silica primer

special insulating adhesive primer with silica sand

- solvent-free
- colour: white



Applications

- specially for gypsum plaster and fibreboard
- prevents penetration of critical substances from the substrate into the finish coat
- for interior and external use

Properties

- high adhesiveness
- quartz sand-filled
- fine untreated surface
- 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
- Intact, firmly adhering dispersion colours
- gypsum plasterboard and gypsum fibreboard
- Hard fibreboards

Condition / Testing

- The substrate must be dry, load-bearing, clean, dust-free and free of adhesion-reducing residues, release agents, efflorescence and sintered coatings.
- Note: AKURIT GQS quartz sealing primer will not form a barrier against heavy nicotine discoloration.

Pretreatment

- Strongly recommended to prime the whole surface of plasterboards and gypsum fibreboards with AKURIT GTA acrylate deep primer.
- Alternatively, apply a primer with diluted AKURIT GQS quartz sealing primer (10 - 20 %) to heavily absorbent areas, e.g. filled areas.
- Primers must be allowed to dry completely.

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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.
- Stir material again occasionally.

Applying / Processing / Assembling

- Apply product evenly onto the substrate with appropriate tool, e.g. sheepskin roller, paintbrush or brush.
- If heavily penetrated with lignin, phenol resin or similar substances, two coats will be necessary. Allow at least 24 hours drying time between coats.
- If in doubt, carry out trials on test surfaces.

Drying / Hardening

- Drying time: at least 24 hours
- The drying time is dependent on the temperature, the relative humidity and the absorbency of the substrate.
- The subsequent coating may not be applied until completely dry.

Subsequent coating / workability

- All types of mineral finishing plaster and organically bound plasters, such as silicate, silicon resin or emulsion plasters, may be applied as finish plaster.

Tool cleaning

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

Notes

- Not suitable for heavy nicotine discoloration.

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
- The quantity required depends on the substrate and method of application. Determine the exact quantities required by carrying out a trial on site.

Safety and disposal instructions

Safety

- Not a hazardous substance in the sense of the German Ordinance on Hazardous Substances.
- 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.

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.
- 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).

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.