

akurit GMG

Mineral primer

quartz plaster primer preparation for siliceous and mineral finish coats

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



Applications

- for reduction and unifying the absorbency of the base plaster
- for interior and external use

Properties

- absorbency-regulating
- pigmented
- filled
- organic concentration < 5%

Appearance

- natural white, limited tinting possible
- colours: in accordance with ColorPoint 20.10 colour palette

Substrate

Suitable substrates

- mineral-bound substrates
- Gypsum or gypsum-lime 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.
- Pre-treat sandy, chalky and heavily absorbent mineral substrates with a priming coat of AKURIT GTM mineral deep primer.

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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

- Stir product well before use.
- Depending on the substrate, adjust to working consistency as required with maximum 15% 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. 24 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.
- Complete silicification after approx. 4–5 days.

Subsequent coating / workability

- Suitable for subsequent siliceous and mineral finish coats.

Tool cleaning

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

Notes

- Without a final coating, the product is not fully weatherproof.
- Carefully cover adjacent surfaces and components (e.g. windows, window sills, etc.). Wash off contamination immediately with water.

Packaging

- 8 kg/bucket
- 25 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 – 0.4 kg/m²

Technical Data

Density	1,4 – 1,6 g/cm ³
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Grain size	500 µm S2 (medium)
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Diffusion-equivalent air layer thickness (s _{d-value})	< 0.01 m V1 (high)
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Water vapour diffusion resistance µ	30 averaged value
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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

- 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 9.6 g/l VOC..

GISCODE

- BSW40 (coating materials, water-based, alkaline)

Disposal

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

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.