

akurit GTM

Mineral deep primer

silicate-based primer and thinner

- binder basis: potassium silicate and co-binder
- colour: transparent to milky white after dilution



Applications

- for consolidating mineral substrates
- balances the absorbency of very or unevenly absorbent mineral substrates
- for external and interior use

Properties

- high penetration depth

Substrate

Suitable substrates

- mineral-bound substrates

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.

Pretreatment

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

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.

Applying / Processing / Assembling

- Apply product with a wall brush or appropriate spray device.
- Apply a base coat of undiluted AKURIT GTM to very absorbent cement-based plasters, to sandy-surfaced plasters, and to load-bearing mineral and silicate paint coatings.

Drying / Hardening

- 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.
- Can be worked over after approx. 12 hours drying time (at +20 °C and 65% relative humidity).

Tool cleaning

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

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Notes

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

Packaging

- 10 l/canister
- 25 l/canister

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. 250 ml/m² (diluted 2:1) depending on absorbency of the substrate
- Die Verbrauchsmenge ist abhängig von der Beschaffenheit des Untergrunds, der Verdünnung und des Auftragsverfahrens. Genauen Wert durch Probeauftrag am Objekt ermitteln.

Safety and disposal instructions

Safety

- VOC content:
EU limit value for this product (product category A/c): 30 g/l
- Follow further instructions in the safety data sheet.

GISCODE

- M-SK01 (1K silicate paint)

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).

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.