

Baumit Klima Silikatin Internal Paint

General Information



- Vapour permeable
- Mineralic
- Low in emissions

Product Overview

Ready-to-use, natural white, lime-based, ecological paint for internal use. No preservatives, solvents, amine-free and ammoniac free. With very low emissions and not harmful to the environment.

Use

- Ready-to-use, full-coverage, highly diffusive new and renovation paint for coated and uncoated walls and ceilings indoors, especially also for sensitive areas (kindergartens, schools, etc.).
- Suitable for old and new mineral bases, silicate and mineral paints.
- Due to its very high vapour permeability, also well-suited for renovation in monuments and for renovation, such as a covering paint for renovation plaster.

Composition

Potassium sodium silicate with organic stabilisation (<5%), filler, additives, water.

Properties

- Easily handled, low-odour interior silicate paint with a high degree of whiteness and high covering capability.
- Can be sprayed with commercial airless devices.
- Provides a dull matte and light-fast surface after drying.
- No preservatives, no solvents, amines or ammonia, thus particularly environmentally friendly, no residential health risk and low-emissions (ELF), tested by the eco-Institute.
- Available in white or colours (preservatives contained in the hue pastes).

Technical Data

Gloss:	Matte, as per DIN EN 106213300
Maximum grain size:	Fine, as per DIN EN 13300
VOC: EU limit value:	Letter A: Category a (Wb); 30 g/l (2010)
Actual Value:	< 30 g/l VOC
pH level:	12 approx
Xx sd value:	0.01 m, high diffusion capability as per DIN EN ISO 7783-2 approx
Contract ratio:	Class 2, at 5 m ² /l, as per DIN EN 13300
Wet abrasion class:	Class 3, as per DIN EN 13300

Consumption kg/m²* :	0.20 litres per coat (dependent upon substrates)
Yield approx. [m² /bag]	75 m ² /15 litre bucket

*approx.

The technical data and consumption rates serve for guidance only. An allowance of 10% more consumption should be calculated in practice.

Please note the successful testing of this product for residential health safety of the eco-institute of Cologne. See the report and certificate on the Baumit home page under the tab "Services" under "Technical Leaflets".

Packaging

5 litre bucket (64 buckets per pallet = 320 litres)
15 litre bucket (24 buckets per pallet = 360 litres)

Distributed by :




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Health & Safety

A Material Safety Data Sheet is available on request.

Quality Assurance

Constant monitoring and control of the quality, and strict receiving inspections of all raw materials. The company has a TUV-tested and certified quality management system in adherence to the global DIN EN ISO 9001 standard, as well as a TUV-tested and certified environmental management system in adherence to the valid DIN EN ISO 14001 standard.

Packaging

5 litre bucket (64 buckets per pallet = 320 litres)
15 litre bucket (24 buckets per pallet = 360 litres)

Storage

Store in unopened pails, cool but frost-free. The storage time should not exceed 12 months. Close unsealed packages immediately after use, and if possible, use within 4 weeks.

■ Application

Thoroughly stir with a slowly-rotating stirrer before handling, and then set the handling consistency with water (up to a maximum of 5% of the base coating). Incorrect consistencies could cause coverage problems and flaking.

Containers with various batch numbers should be mixed together in order to exclude colour differences. Do not mix in any other materials (except for alkaline-resistant full hue and tints, maximum addition of 10%).

Baumit KlimaSilikatin is to be evenly applied by brushing, rolling or spraying (nozzle diameter 0.5 – 0.6 mm) across the full surface. It normally requires one to two coatings.

If two coatings are applied, one must wait at least 12 hours to dry.

■ General Information

High humidity and low temperatures can significantly delay drying times.

Protect bordering areas (glass, ceramics, metal, etc.) (burn hazard). Clean tools immediately after use with water. Leave the devices in the paint and avoid drying during breaks.

In order to avoid colour deviations, order one batch for the entire building; if there are subsequent deliveries, mix with the previously-delivered product.
Observe BFS leaflet no. 25.

The final wet abrasion class applies after it is completely dry. The given drying characteristics are related to a temperature of +20 °C and 55% relative humidity, and can vary greatly under different environmental conditions.

Product code: M-SK 01

EAK / AVV waste codes: 08 01 12

Do not work with the material or let it dry if the base material and air temperature under + 8 °C and over + 30 °C. In particular, observe DIN 18550 and DIN 18350, DIN 18363 (VOB, part C) as well as the relevant BFS leaflets.

If you need further information about this material or its handling, consult with our outside service experts about the details and the materials.

Our recommendations for applications which we give to support the purchasers/handlers from our experience, corresponds to current science and practice. The advice is non-binding, and forms no contractual, legal relationship and no additional obligations in the purchase contract. The advice does not release the purchaser from examining our products for their suitability for their foreseen uses. The general rules of construction equipment must be adhered to. We reserve the right to make changes which serve to provide technical progress and improve the product or its use. When such technical information appears, earlier information is no longer valid. You can find the most current information on our Internet pages. Only our current sales and supply conditions as well as provisions for the placement and use of our silos and mixing facilities apply for all business cases.

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