

BKM Premium silicate paint

Blunt matte, vapor-permeable interior wall paint (white)
technical data sheet

Article-No.: H-001-991-003

12,5 liter plastic bucket

Product description

Product advantages

BKM Premium silicate paint is a dull matte, vapor-permeable interior silicate paint designed for application on mineral surfaces in areas sensitive to indoor air hygiene. It is free from preservatives, making it an ideal choice for individuals with allergies. BKM Premium silicate paint is solvent-free, making it particularly low in emissions, and it is also free from fogging-active substances. BKM Premium silicate paint is particularly easy to apply and has a very high covering capacity.

Product characteristics /

Classification according to DIN 13300

Wet abrasion resistance:	Class 2
Coverage:	Class 1
Yield:	Approx. 7 m ² per liter
Gloss level:	G4 Dull matte
Color:	White
Maximum grain size:	S1 fine
Solid content:	Approx. 55%
PH value:	Approx. 11
sD value:	Approx. 0,01 m
Density:	Approx. 1,49 g / cm ³
Application:	Brushing, Rolling, Spraying
Dilution:	Ready for use
Binder:	Silicate with organic stabilizer
Preservatives:	Free from preservatives
Ingredients:	Acrylic dispersion, water glass, white pigments, calcium carbonate, water, additives

Lower temperature limit during application and drying:

+5° C (Circulating air and substrate)

„Drying time under standard conditions

(+20°C, 65% relative humidity):

Approx. 8-10 hours

Overcoatable: After approx. 8-10 hours. Longer drying time may be required at lower temperatures and/or higher humidity.

Areas of application

For interior use on new and existing, sound substrates such as lime, lime-cement and cement plaster, concrete, fiber cement, and old silicate and mineral paints.

Plastics are not suitable as a substrate.

Carefully cover non-coatable mineral surfaces, especially glass, clinker, wall, and floor tiles. Do not mix with dissimilar materials, e.g., dispersion paints. To avoid overlaps, coat the entire surface in one continuous wet-on-wet application.

Product application

Surface preparation

The substrate must be dry, clean, free from release agents, and structurally sound. Primer coats must be thoroughly dried before overcoating. The VOB Part C DIN 18363 regulations should be observed regarding the substrate, application, and coating structure.

Tintability

With suitable full-tone and tinting colors. Check compatibility in individual cases. Process tinted product immediately. Note: Due to the chemical curing process, we cannot guarantee color accuracy and spot-free drying. Tinting may result in deviations in technical data, including preservatives.

Color accuracy

Object conditions influence color accuracy and tone uniformity. Avoid the following conditions in any case:

- Inconsistent substrate absorption behavior
- Different substrate moisture levels across the surface
- Localized, significantly different alkalinity and/or substrate content.

Recommended coating systems

For mineral substrates:

<i>Priming:</i>	BKM Putzgrund
<i>Intermediate coating:</i>	BKM Organic paint
<i>Topcoat:</i>	BKM Organic paint

Consumption

Approx. 150–200 ml/m² per application on smooth surfaces.

On rough surfaces, more may be required. Determine precise consumption quantities through a test coating.

Comments

Packing unit

12,5 liter plastic bucket

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Safety instructions

Protect eyes and skin from paint splatters; if contact occurs, rinse thoroughly with plenty of water. Refer to the detailed safety-related product information in the EU Safety Data Sheet. Complies with VOC guidelines:

EU limit for the product (Cat.A/a-Wb): 30 g/l (2010).

This product contains a maximum of 1 g/l VOC.

Please refer to the safety data sheet.

GISCODE: BSW 40

Cleaning of tools

With water

Storage

Cool, but frost-free

Minimum shelf life

Sealed, approximately 12 months in the original container

Legal notice

The above information, in particular the suggestions for processing and use of our products, are based on our knowledge and experience under normal circumstances, provided that the products have been stored and applied correctly. Due to the different materials, substrates and divergent working conditions, a guarantee of a working result or a liability, regardless of the legal relationship, cannot be justified on the basis of these instructions or verbal advice, unless we are accused of intent or gross negligence in this respect. In this respect, the user must prove that all knowledge necessary for a proper and promising assessment by BKM was provided to BKM in writing, in time and in full. The user must check the suitability of the products for the intended application. We reserve the right to make changes to product specifications.

Proprietary rights of third parties must be respected.

The latest product data sheet applies and must be requested from us. The responsibility for the successful application of our products lies with the user, as the use is beyond our control. However, we ensure the quality of our products in accordance with our conditions of sale and delivery, without guaranteeing the success of their application. Our data sheets represent advice based on our best knowledge, but no obligation can be derived from them. Our written consent is required to guarantee properties and application possibilities that go beyond the information recorded in the data sheets.

Further information can be found at:

www.bkm-mannesmann.de