

- for priming and stabilizing friable plasters and renders
- for indoor and outdoor use, preservative-free
- purely mineral primer, highly vapour-permeable

Potassium Water Glass

Use

baufan® Potassium Water Glass is a ready-to-use, concentrated, water-thinnable potassium silicate solution. Impregnates and stabilizes mineral substrates by means of silicification (consolidates without film formation), with substrate remaining vapour-permeable. Reduces and evens out substrate suction. Ideal as remedial substrate preparation for silicate paints.

Constituents

Potassium silicate solution

Substrate

For all mineral substrates, e.g. concrete, masonry, filling compounds, lime and cement plaster/render. Substrate shall be clean, strong and free from grease. Remove existing badly adhering coatings and loose plaster/render.

Application

Apply Potassium Water Glass with brush or suitable spray equipment. Potassium Water Glass is dilutable up to 1:3 with water, depending on substrate suction (apply diluted solution immediately). Wash tools with water immediately after use.

baufan® Potassium Water Glass is not suitable as top coat. Where applied to mineral substrates, it requires subsequent plastering/rendering or overpainting.

Protect areas not to be treated from splashes.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Consumption

Smooth surfaces/fine plaster aggregate → from 100 – 200 ml/m²

Exact consumption rate to be determined by trial application on site.

Application temperature

+5 °C to + 30 °C for material, ambient air and substrate

Drying time

Approx. 24 hours under normal conditions (at +20 °C, 65 % relative humidity and moderately absorbent substrate); allow suitably longer drying times for unfavourable conditions.

Note



Warning

Causes skin irritation. Causes serious eye irritation. Keep out of reach of children. Do not get in eyes, on skin, or on clothing. Wear safety gloves/goggles (not with glass). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF ON SKIN: Wash with plenty of water and soap. If medical advice is needed, have product container or label at hand. Dispose of contents/container in accordance with local/regional/national special waste disposal regulations.

Mask areas not to be painted. Ensure adequate ventilation during application and drying. Do not inhale spray mist. Refrain from eating, drinking and smoking during use. Do not allow to enter drains, sewers, surface waters or ground.

Contains: Potassium silicate

Medical emergency number: +49 (0) 551 / 19240

Product Code: M-SK02

EU VOC limit value for this product:

(Cat.: A/h, Wb) = 30 g/ltr (2010)

Max. VOC content of this product: 0.1 g/ltr

Storage

Store in cool, though frost-free environment in properly sealed containers. Minimum shelf life in unopened containers subject to proper storage: see batch label.

Item No.

021118	1.0 ltr	PE bottle
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Note:

All details and data presented in this information sheet are based on our practical experience and laboratory investigations, and reflect the current state of the art. They can, however, only serve as general guidance and shall provide no guarantee of specific properties or performance. Given that the conditions for storage, transportation and application of products are beyond our control, no legal liability may be construed from the information presented here. It shall be the responsibility of the user to check the product's suitability for the envisaged purpose under the specific site or project conditions.