Potassium Water Glass

Technical information sheet

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Pure mineral primer for coatings and impregnations. Binder for mineral plasters and silicate paints. Potassium silicate solidifies mineral substrates through deep silicification, reduces absorbency and improves the adhesion of subsequent coats. Suitable for interior and exterior use.

- primes and consolidates sanding plasters
- for indoors and outdoors
- Substrate pre-treatment for silicate paints
- strengthens without film formation
- Highly water vapour permeable
- Free from preservatives, solvents and plasticisers

Area of application

Potassium silicate solution for consolidating mineral substrates, regulates absorbency and is ideal as a pre-treatment for silicate paints.

Preparation

For all mineral substrates such as concrete, masonry, levelling compounds, cement and lime plaster. Remove old, poorly adhering coats of paint and loose plaster.

Processing

Apply Kali-Wasserglas with a brush or suitable spraying equipment (do not inhale spray mist when spraying). Depending on the absorbency of the substrate, Kali-Wasserglas can be diluted up to 1:3 with water (use diluted solution immediately). Clean tools with water immediately after use. Protect surfaces not to be treated from splashes. Drying time: approx. 6 hours under normal conditions (+20 °C, 65% relative humidity, moderately absorbent substrate); longer drying time under unfavourable conditions.

Consumption

Depending on the substrate → from 100 - 200 ml/m² Determine the exact amount used by applying a test coat to the object.

Storage

Keep container tightly closed in a cool but frost-free place.

Notes

Application temperature: At least + 5 °C for material, circulating air and substrate. Cover surfaces not to be treated with foil. Avoid splashes on glass, aluminium, ceramics, marble and similar materials. Remove accidental splashes immediately with water. Ensure adequate ventilation during application and drying. Do not inhale spray mist. Avoid eating, drinking and smoking during use. Do not allow to enter drains, waterways or soil. baufan Kali-Wasserglas cannot be used as a top coat on visible surfaces. Causes skin irritation. Causes severe eye irritation. Keep out of the reach of children. Do not get in eyes, on skin or on clothing. Wear protective gloves/eye protection (no glass). IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses if possible. Continue rinsing. IF ON SKIN: Wash with plenty of soap and water. If medical advice is required, have packaging or identification label ready. Dispose of contents/container to hazardous or special waste collection point in accordance with local/regional/national regulations. product code: M-SK02 EU VOC limit value for this product: (Cat.: A/h, Wb) = 30 g/l (2010) VOC content of this product max.: 0.1 g/l

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Note:
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