

- for mineral substrates
- very good hiding power, weather-resistant and UV-stable
- solvent- and preservative-free

Silicate Facade Paint

Results of investigation by external test institute

Water absorption w_{24} (kg/m ² √24h)	0.10
Water vapour permeability s_d (m)	0.005

Use

Silicate emulsion facade paint to DIN 18363 for particularly water vapour-permeable coatings

Constituents

Potassium water glass, polymer dispersion, titanium dioxide, mineral fillers, water, additives

Substrate

For all mineral substrates made of concrete, cement and lime/cement render, masonry, fibre-cement board. Also suitable for existing firmly adhering lime, mineral or silicate paint finishes.

Substrate shall be dry, clean, strong, absorbent, and free from dust and grease. Completely remove any substrates that cannot be stabilized or that adhere inadequately. Prime highly absorbent, friable and chalking substrates with **baufan® Silicate-Fixative**. In case of doubt, perform trial application. Repair cracks, holes and irregularities with suitable **baufan®** filler (e.g. **baufan® Outdoor Filler**).

Application

Stir well prior to use (paint may be thick and thixotropic) and apply with roller, brush, wall brush or suitable spray equipment. Max. 10 % **baufan® Silicate-Fixative** may be added to paint to adjust consistency. Two coats are required. When coating larger areas, always work with live edges to prevent laps (flashing). Wash tools with water immediately after use.

Notes on airless spray application

Spray angle: 50°
Nozzle: 0.023 – 0.027
Spraying pressure: 120 – 180 bar

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.
For spray application, use combi-filter A2/P2.

Consumption per coat

Smooth surfaces/fine plaster aggregate → from 150 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. 8 hours under normal conditions (at +20 °C, 65 % relative humidity and moderately absorbent substrate); allow suitably longer drying times for unfavourable conditions.

Tinting

With max. 3 % Universal Concentrated Colorants (LW (light- and weather-resistant) oxide types)

Note

Mask areas not to be painted. Keep out of reach of children. Ensure adequate ventilation during application and drying. Do not inhale spray mist. Refrain from eating, drinking and smoking while using paint. Wear goggles (not with glass). In case of contact with eyes or skin, rinse immediately with plenty of water. Do not allow to enter drains, sewers, surface waters or ground. Hand over only fully emptied containers for recycling.

GISCODE (German hazardous substances classification) for coating materials: BSW10

EU VOC limit value for this product:

(Cat.: A/c, Wb) = 40 g/ltr (2010)

Max. VOC content of this product: 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.

021064	5.0 ltr	PE tub
021071	10.0 ltr	PE tub

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.