

- white, highly water vapour-permeable
- for indoor use, for mineral substrates
- solvent- and preservative-free

Silicate Interior Paint

Technical data to DIN EN 13330

| | |
|-----------------------|-----------------------------------|
| Wet-scrub resistance: | Class 3 |
| Covering power: | Class 2 for 6 m ² /ltr |
| Gloss level: | Dead matt |
| Max. aggregate size: | Fine |

Results of investigation by external test institute

| | |
|----------------------------------|--------|
| Water vapour permeability sd [m] | <0.011 |
|----------------------------------|--------|

Use

White, silicate emulsion paint to DIN 18363 for indoor wall and ceiling surfaces.

Constituents

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

Tested to TÜV Süd: test standard TM-09

Test for health-relevant constituents and emissions. Regular product and process monitoring. Control of input materials. Monitoring of preservatives typically used in production.

Substrate

For all mineral substrates (e.g. concrete, masonry, filling compounds, gypsum plaster, cement render and lime render), gypsum plasterboard and other drylining board, mineral non-wovens and firmly adhering mineral, silicate or matt emulsion paint finishes.

Substrate shall be dry, clean, strong and free from dust and grease. Remove loose material, existing wallpaper and badly adhering coatings from substrate. Prime highly absorbent, friable and chalking substrates with Silicate-Fixative. Repair cracks, holes and irregularities with suitable **baufan**® filler.

Application

Stir well prior to use and apply with roller, brush, wall brush or suitable spray equipment. Priming coat may be diluted with max. 10 % Silicate-Fixative. Apply finishing coat in undiluted form after first coat has fully dried. 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 125 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. 5 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 (only 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: BSW40

EU VOC limit value for this product:

(Cat.: A/a, Wb) = 30 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.

| | | |
|--------|----------|--------|
| 021019 | 2.5 ltr | PE tub |
| 021026 | 5.0 ltr | PE tub |
| 021033 | 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.