

Sol Silicate Paint (Mineral Paint)

Silicate paint for mineral and organic substrates



Description	Silicate paint for mineral and organic substrates	
Features	Mineral paint for organic and mineral substrates, ideal as renovation paint with high vapour permeability and durability, without film preservation.	
Application	<p>For highly diffusible facade coatings on cleaned and load-bearing substrates. Check the bearing capacity of the substrate. Remove non-load-bearing coatings. Primer depending on type and condition of substrate.</p> <p>All substrates must be dry, load-bearing, clean and free of adhesion-reducing residues.</p>	
Consumption	Approx. 0.15-0.2 l/m ² per coat	
Technical data	Binder	Combination of silica sol and potassium water glass with organic stabilizers (<5 %)
	Density	approx. 1.55 g/cm ³
	ph value	approx. 11
	S ₀ value	approx. 0.02 m class V ₁ (high) according to EN ISO 7783-2
	Water permeability rate (W ₂₄ value)	< 0,1 kg/(m ² h ^{0.5}) class W ₃ (low) according to EN 1062-3
Processing	<p>Material is ready for use after short stirring. If two coats are applied, the first coat can be diluted with 5-10% clean water, depending on the absorbency of the substrate. Application with roller, brush or spray gun. Apply evenly and without build-up.</p> <p>Tool cleaning after use with water. Carefully cover adjacent surfaces, especially glass, plastics, natural stones, metals, etc.. Wash off splashes immediately with plenty of water. Only use material with the same batch number or the same production date on continuous surfaces. Material with different numbers should be mixed before use. Do not use in strong sunlight, as well as at air and building temperatures below +8°C. Can be recoated after approx. 8 hours (+20°C, 65 % RLF). Drying is delayed at high humidity and/or low temperature.</p> <p>Particular attention should be paid: VOB, Part C, DIN 18363, Sections 2 and 3, as well as the BFS bulletins for the relevant working areas. Caution: corrosive! Protect glass panes, tiles, clinker bricks, marble and plants from splashes! Immediately clean surfaces contaminated with paint splashes thoroughly with water! Keep out of the reach of children. In case of contact with eyes and skin, rinse immediately with water. When spraying, do not inhale spray liquid! Do not allow to reach water bodies or sewers.</p> <p>Colour stability: The surface of coatings can change over time as a result of environmental influences. This results in colour changes. It is a progressive process which is influenced by the climatic conditions themselves and the location.</p> <p>Broken filler: Due to mechanical stress on the surface, dark, intensive colour tones may result in lighter areas due to the natural raw materials used. Product quality and functionality are not negatively affected.</p>	

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Colour tone accuracy:

Due to chemical and physical drying processes under different weather and object conditions, no guarantee can be given for uniform colour shade accuracy and stain resistance, in particular in the case of
 uneven vacuuming of the substrate
 different substrate humidities in the surface
 partially strongly different alkalinity
 Ingredients from the subsurface
 direct solar radiation with sharply defined shadow formation on the freshly applied coating can be applied.

Emulsifier leaching:

Due to drying retardant conditions, traces of run-off may occur during the initial period of weathering by dew, mist, spray water or rain in coatings that have not yet dried through due to water-soluble ingredients. Depending on the colour intensity, this effect may vary in intensity. There is no reduction in the quality of the product. As a rule, these effects are automatically removed by further weathering.



Surface coating	-
Form of Delivery	15.0 l/bucket (24 buckets/pallet) 5.0 l/bucket (64 buckets/pallet)
Storage	Store buckets tightly closed, cool and frost-free.
Reference	Protect eyes and skin. Giscode: M-SF01
Consulting service	The information given in this data sheet is only general guidelines. Should technical questions arise in a specific application, please contact our sales office.
Optics	Dull matt
Colour	White or tinted with inorganic pigments
Options	 AF - Additional equipment against algae and fungal attack

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