

Sol Silikatfarbe

Universal silicate façade paint in accordance with DIN 18363 para. 2.4.1 for mineral and organic substrates.

Material Properties High vapour permeability, extremely weather-resistant, lightfast, UV-stable, minimal soiling tendency.

Substrate

- For highly diffusible façade coatings on clean and viable substrates.
- Check substrate for load-bearing capacity.
- Remove non-stable coatings. Prime depending on the type and condition of the substrate.

All substrates must be dry, sound, clean and free of adhesion-reducing residues.

Consumption ca. 0,2 l/m² per coat

Technical Data

- **Binder** // Combination of potassium silicate with organic stabilisers (<5%)
- **Density** // ca. 1,55 g/cm³
- **pH-value** // ca. 11
- **S_d-value** // ca. 0,1 m class V1 (high) according EN ISO 7783-2
- **Water permeability rate (W₂₄-value)** // < 0,1 kg/(m² h^{0,5}) class W3 (low) according EN 1062-3

Application The material is ready to use after brief stirring. When applying two coats, the first coat can be diluted with max. 10 % clean water, depending on the absorption behaviour of the substrate. The last coat should be diluted with max. 5 % water - if necessary. Apply with a roller, brush or sprayer. Apply evenly and smoothly.

Clean tools with water after use. Carefully cover neighbouring surfaces, especially glass, plastics, natural stone, metals, etc. Wash off splashes immediately with plenty of water. Only use material with the same batch number or production date on contiguous surfaces.

Mix materials with different numbers before processing. Do not apply in strong sunlight and at air and building structure temperatures below +5°C. Can be recoated after approx. 8 hours (+20°C, 65 % RH). Drying is delayed in high humidity and/or low temperatures.

WE-special adjustment

The rapid drying of the surface leads to early rain resistance. Alkaline substrates prevent the accelerate drying and can lead to colour deviations. Drying is physical and therefore strongly dependent on temperature, humidity and air movement. The relative humidity must not exceed 95 %. The lowest processing temperature for air and building structure temperature is +1°C. It is recommended that protective measures (rain protection) are taken on the façade as a precaution.

Attention should be paid to

VOB, Part C, DIN 18363, Sections 2 and 3, as well as the BFS data sheets for the relevant work areas.

Colour stability

The surface of coatings can change over time due to environmental influences. This results in colour changes. This is a progressive process that is characterised by the climatic conditions and the location.

Filler breakage

Due to mechanical stress on the surface, dark, intensive colour tones may appear lighter due to the natural raw materials used. The product quality and functionality is not negatively affected by this.

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Colour accuracy

Due to chemical and physical drying processes under different weather and object conditions, no guarantee can be given for uniform colour accuracy and freedom from stains, particularly in the case of

- uneven absorption behaviour of the substrate
- different substrate moisture levels in the area
- partially strongly varying alkalinity
- ingredients from the underground

direct sunlight with sharply defined shadows on the freshly applied coating.

Emulsifier washouts (Snail trails)

Due to drying-delaying conditions, dew, mist, spray water or rain can cause run-off marks on coatings that are not yet completely dry due to water-soluble ingredients during the initial period of weathering. Depending on the colour intensity, this effect may appear to varying degrees. There is no reduction in the quality of the product. As a rule, these effects are removed automatically with further weathering.



Packaging

- 15 l/pail
- 12,5/pail
- 5 l/pail
- 24 pails/pallet
- 32 pails/pallet
- 64 pails/pallet

Storage

Store the pail tightly closed in a cool and frost-free place.

Please note

Protect eyes and skin.
Giscode BSW 20 EU

Advisory service

The information in this data sheet only represents general guidelines. If you have any technical questions regarding a specific application, please contact our sales office.

Gloss level

dull matt

Colours

white and tinted

Options



AF – Supplementary protection against algae and fungal infestation

All information in this publication is based on experience, tests and trials. A guarantee for the general validity of individual data and statements is excluded with regard to different processing and construction site conditions. The generally recognised and technical rules of construction technology as well as the applicable standards and guidelines must be observed. The publication of this publication renders previous editions invalid. We reserve the right to make changes in the context of further product and application technology developments. Please refer to our Internet pages for the latest information. Our current terms and conditions of sale and delivery apply to all business transactions.

Safety data sheet available on request.

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