



TECPINT SOL-SILICATE ECOLOGIC

MINERAL SILICATE PAINT INTERIOR/EXTERIOR

DESCRIPTION

SOL-SILICATE is a highly specialized mineral paint for facades, based on a combination of silica sol and potassium silicate binders. This binder combination allows the application of silicate paint not only on mineral supports, but also on multiple supports. organics directly, without the need for additional bonding bridges. SOL-SILICATE contains weather-resistant fillers and inorganic pigments, and combines all the advantages of the classic silicate dispersion paint, with the versatility of organic resin-bound paints.

Complies with DIN 18.363

BENEFITS

SOL-SILICATE paint is suitable for renovation and new application on paints and firm plasters bound with dispersions and silicones, as well as on mineral supports. Not fit for wooden supports, coatings by pinching them, old saponifiable paints (eg. certain oil paints), non-wettable supports (eg enamels), as well as panels of aerated concrete. After applying the base coat and finishing coat, they can be applied decorative glazes. Not suitable for horizontal or inclined surfaces, exposed to outdoor.

CHARACTERISTICS

- Binding base: Combination of silica sol and potassium silicate.
- Of universal application.
 - Highly weather resistant.
 - Stable to UV rays and acids, antistatic.
- Flame retardant (class A2-s 1, do according to EN 13501-1 according to test certificate). Light stable pigments.
- Matt mineral aspect.
 - Breathable, does not form a film, microporous.
- Very waterproof.
- Without addition of solvents.
 - Without addition of plasticizers.
- Optimum moisture management

TECHNICAL DATA

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| - Light fastness of the pigment: | A1 |
| - Organic content: | < 5% |
| - pH: | approx. eleven |
| - Specific weight: | approx. 1.5 1.7 g/cm ³ |
| ACCORDING TO DIN EN 1062-1 | |
| - Resistance to diffusion of water vapor: | sd ≤ 0.01 m (dry film thickness approx. 237 μm) Class I (according to DIN EN ISO 7783-2) |
| - Water vapor permeability: | V ≥ 2000 g/(m ² .d) |
| - Degree of gloss at 85°: | 1.5 (dry film thickness approx. 100 μm) matt (<10) according to DIN EN ISO 281 3 |
| - Permeability to liquid water (24 h): | w < 0.1 kg/(m ² .h0.5) (dry film thickness approx. 340 μm) Class III (< 0.1) according to DIN EN ISO 1062-3 |

INSTRUCTIONS FOR USE The support must be healthy, dry, clean and free of dust. On highly absorbent surfaces a Consolidant will be applied to the silicate. Protect adjacent areas to avoid splashes. SOL-SILICATE paint can be applied by brush, roller or air-less spray gun. Base coat: Apply SOL-SILICATE, normally undiluted or diluted up to approx. 5%. Finishing coat: Apply SOL-SILICATE undiluted. Between the base coat and the finishing coat, a minimum drying time of 12 hours must be respected. Spread the paint well, without giving thick layers. Wear safety glasses Ambient temperature and support >+5° C. Do not apply with direct sunlight, or on supports that are overheated by the sun. Protect surfaces during and after application against direct sun, wind and rain. On unpainted PLASTER, apply Tecpint primer beforehand. Consumption (for two coats) 2 to 4 m²/Liter, depending on the roughness of the support. Tools must be cleaned immediately after use with water.

Our Technical Service is at your disposal to expand the information contained in this sheet and to advise you on systems, processes and the most suitable products, according to the surfaces, environments and needs that you wish to cover. With this technical file we only try to inform and advise according to our criteria and experience. Not being able to take responsibility for the consequences of the use of these products when they fall outside our control, the conditions and circumstances of their application.



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