

Technical data sheet

Sol-Silikat-Fassadenfarbe



Product description

Characteristics:

- Mat sol-silicate paint
- Silicate paint with a content of organic components as allowed under DIN 18363
- For exterior and interior use
- Very good hiding power
- Highly durable
- High permeability
- Suitable for mineral undergrounds
- Reworking of old, solid, mat dispersion and silicon-resin undergrounds
- Possible without bonding agents
- Excellent application characteristics
- Low tendency for stains and weather influences
- Free of preservatives
- Gloss level: mat
- Weatherproof

Material

Application Area:	For exterior and interior use on good, solid new and old undergrounds such as lime, lime-cement and cement plasters, concrete, fibre cement as well as old silicate and mineral paints. Do not use on dispersion paints or silicone resin paints.
Binding agent:	Silicate with organic stabilizer and silica sol
Colour:	White
Content of solids:	Approx. 60 %
Specific gravity:	1.59 g/cm ³
pH value:	Alkaline approx. 11
Diluting agent:	JONAS Silikat-Grundfestiger
Viscosity:	Slightly thixotropic
Steam diffusion: Acc. to DIN EN 52615	S _D = approx. 0,01 m class V1 (high)
Water absorption coefficient:	W ₂₄ : ≤ 0,1 kg/m ² • h ^{1/2} class W3 (low)

Deviations of technical data as a result of tinting are possible.



Sol-Silikat-Fassadenfarbe

Application characteristics

Application:	Brush / roller / spray (airless). Do not apply on sun heated substrates, during strong winds, at high temperatures, extremely high humidity, in fog or rain. Consider the risk of night frost. If necessary, protect the façade with suitable scaffolding-nets or tarpaulins.
Underground:	<p>All weak and homogeneous absorbing, matt old coatings and undergrounds, which are solid, dry and clean.</p> <p>Highly and non-homogeneous absorbing mineral undergrounds: consolidate with JONAS Silikat-Grundfestiger. Wait 4 weeks before using on new renders. Fluote and rinse with water. Old mineral and silicate paints must be cleaned and removed if necessary. If necessary, use JONAS Silikat-Grundfestiger to consolidate the underground.</p> <p>For underground treatment and application VOB, part C, DIN 18363 and the relevant BFS information must be observed.</p>
Coating build-up:	If necessary, use silicate primer first (JONAS Silikat-Grundfestiger). Priming coat: use JONAS Sol-Silikat-Fassadenfarbe diluted with max. 10 % of JONAS Silikat-Grundfestiger. Final coating with JONAS Sol-Silikat-Fassadenfarbe diluted with max. 5 % JONAS Silikat-Grundfestiger.
Spreading rate per coating:	Approx. 200 ml/m ² on smooth underground (if necessary test on the wall).
Application temperature:	At least + 5°C (Degrees Celsius) for air and underground during application and drying.
Drying:	<p>The surface of the coating is dry and can be painted over after 8 - 10 hours (at a temperature of 20 °C and a relative atmospheric humidity of 65 %). High humidity, low temperatures and low air exchange extend the hardening and drying time.</p> <p>In case of adverse weather conditions always take appropriate actions (e.g. rain protection) to protect work areas and freshly painted surfaces.</p>
Tinting:	<p>Product can be tinted with suitable standard tinting paint. Check compatibility on a case by case basis. Use tinted product immediately after mixing. Advice: Due to the chemical setting process we cannot accept any liability for colour accuracy and spotless drying. Tinting may lead to deviations in the technical data, also with respect to contents of preservatives.</p> <p>Colour stability: weather, humidity, UV-light and accumulations may have an influence on the coating surface. The process of change is dynamic and depends on climate and exposition conditions. The current national regulations, leaflets etc. apply.</p> <p>Colour accuracy: weather conditions and property conditions have an influence on colour accuracy and the uniformity of colour. The following conditions should be avoided:</p> <ol style="list-style-type: none">Irregularly sucking substrateDifferent surface humidity in the substratePatches with different alkalinity and / or ingredients from the substrateDirect sunlight with sharp shadows on the still humid coating <p>Washout of additives: For coatings which are not yet fully dried any water impact, i.e. dew, fog or rain, may wash-out additives from the coating which then build-up on the surface. The extent of this effect differs, depending on the intensity of the colour. This has no influence on the quality of the product. The effect will disappear under normal weather conditions.</p> <p>Product can be tinted about the mixing machine; colour tone stability B, group 1-3 (according to colour tone) according to BFS information No. 26.</p>
Cleaning of tools:	Clean with water immediately after use.

General information

Storage:	Cool, but not freezing.
Shelf-life:	Can be stored for at least 12 months after date of filling (see additional sticker) if stored properly in the unopened original packaging.

Technical data sheet

Sol-Silikat-Fassadenfarbe

General information

Art.No. and description:	18 90 001 JONAS Sol-Silikat-Fassadenfarbe
Packaging:	12.5 l / 5 l
Ingredients acc. to. VdL RL01:	Waterglass, silica sol, special resin dispersion, white pigment, calcium carbonate, water, additives. As a result of tinting, small amounts of preservatives can be added.
Safety:	Please follow the instructions of the safety data sheet.
Labelling:	This product is not classified according to EU regulation No 1272/2008 [CLP].
Special advice:	Protect glass plates, metal, brick, tiles and marble from splashes. Clean contaminated surfaces with water immediately.
GISCODE:	BSW40
VOC content:	EU limit for the product cat. A/c: 40 g/l (2010). This product contains < 40 g/l VOC.
Waste disposal:	Empty containers can be disposed for recycling. Any dried residues of material can be disposed of as construction waste or together with domestic garbage. Containers with liquid material residues must be disposed of according to local regulations. For further information, please contact your local waste authority.
Advice for use and safety acc. to CLP:	Keep out of reach of children. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Wear appropriate respiratory protection (full mask / half mask equipped with filter type A2/P2). Avoid eating, drinking and smoking during use of the product. Ensure good ventilation during and after application. In case of contact with eyes or skin, rinse immediately with plenty of water. Do not empty into drains or water courses. Safety data sheet available on request. Advice for people suffering from isothiazolinone allergy under phone-no.: +49(0)2058/789-0.

Product equipped with algicide / fungicide film protection

Product can be supplied with algicide / fungicide effect: (please specify when ordering)
Advice for use and safety:

JONAS Sol-Silikat-Fassadenfarbe with algicide / fungicide effect provides film protection against algae and fungi and therefore should be used outside only. The film protecting properties of the product help to minimize / delay the risk for fungi or algae. For paints with film protecting properties it is essential to apply at least two layers of paint. Nevertheless, a permanent protection against fungi and algae cannot be guaranteed (also refer to BFS information no. 9, article 6.1, last section).

Contains 2-octyl-2H-isothiazol-3-one; Mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1); 4,5-dichloro-2-octyl-2H-isothiazol-3-one. May produce an allergic reaction. Harmful to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read carefully and follow all instructions. Avoid release to the environment. Dispose of contents / container in accordance with local regulations. Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Wear appropriate respiratory protection (full mask / half mask equipped with filter type A2/P2). IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. Dispose of contents/container in accordance with local regulations. Wear protective gloves and eye / face protection. Safety data sheet available on request.

Do not allow to enter into surface water or drains or soil. Water from cleaning leaning work equipment must not get into the ground or surface water. Use product safely. Read product and safety information before use. This material contains an encapsulated additive protecting against algae and fungi. Active substances: 2-octyl-2H-isothiazol-3-one, 3-iodo-2-propinyl butylcarbamate, 4,5-dichloro-2-octyl-2H-isothiazol-3-one, Didecyl-dimethylammoniumchlorid, Terbutryn. Advice for people suffering from isothiazolinone allergy under phone-no.: +49(0)2058/789-0.