



Technical data sheet

Sol-Silikat-Innenfarbe

Product description

Characteristics:

- Matt sol-silicate paint according to DIN 18363 for interior use
- Silica sol with a content of organic components as allowed under DIN 18363
- Very good hiding power
- Snow-white
- Highly durable
- Very high permeability
- Suitable for mineral undergrounds
- Reworking of old, solid, mat dispersion and silicone-resin plasters
- Possible without bonding agents
- Excellent application characteristics
- Resistant against disinfectants
- Free of plasticizers and fogging-active substances
- Free of preservatives according to "DE-UZ 102" (Version January 2019)
- This product fulfills the requirements of the "Blue Angel" for low-emission interior wall paints DE-UZ 102 / Version January 2019* (the Blue Angel is an environmental label organised by the federal government of Germany for the protection of people and the environment.)

*Certificate available upon request

DIN EN 13300:

- Wet scrub resistance: class 1
- Contrast ratio: hiding power class 1 (≥ 99.5) at a spreading rate of 140 ml/m²
- Gloss level: dull mat
- Maximum particle (grit) size: fine (< 100 μm)

Material

Application Area:

For interior use, on good, solid new and old underground such as lime, lime-cement and cement plasters, concrete, fibre cement as well as old silicate and mineral paints.

Binding agent:

Combination of binders (potassium silicate and silica sol) with organic stabilizer

Colour:

White

Content of solids:

Approx. 51.5 %

Specific gravity:

1.47 g/cm³

pH value:

Alkaline approx. 11

Diluting agent:

JONAS Silikat-Grundfestiger

Viscosity:

Slightly thixotropic

Steam diffusion:

Acc. to DIN 52615

$S_D = 0,01$ m
class V1 (high)



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- low emissions
- low level of harmful materials

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Application characteristics

Application:	Brush / roller / spray (airless).
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 lime, 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-Innenfarbe diluted with max. 10 % of JONAS Silikat-Grundfestiger. Final coating with JONAS Sol-Silikat-Innenfarbe diluted with max. 5 % JONAS Silikat-Grundfestiger.
Spreading rate per coating:	Approx. 140 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:	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 times.
Tinting:	<p>Product can be tinted with suitable tinting paint, silicate based. 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>If the original material is tinted with a pigment paste or tinting color that does not conform to the requirements of the Blue Angel, the tinted color no longer correspond the criteria of the Blue Angel.</p> <p>Tint accuracy: Object conditions influence the tint accuracy and the uniformity of the color. Avoid the following conditions in any case:</p> <ol style="list-style-type: none">inconsistently suction behavior of the substratedifferent substrate moisture levels in the surfacein places strongly different alkalinity and / or ingredients from the underground
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.
Art.No. and description:	08 95 001 JONAS Sol-Silikat-Innenfarbe
Packaging:	12.5 l / 5 l
Ingredients:	Water glass, silica sol, special resin dispersion, white pigment, calcium carbonate, water, additives. As a result of tinting, small amounts of preservatives can be added.
Without preservatives:	o.k., free of preservatives according to "DE-UZ 102" (Version January 2019).
Safety:	Please follow the instructions of the safety data sheet.

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General information

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.
Product-code:	BSW40
VOC content:	EU-Limit for the product Kat. A/a: 30 g/l (2010). This product contains <1 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 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.