

## Technical data sheet

# Bio-Innensilikat tinting base



### Product description

#### Characteristics:

- Tinting base
- Highly diffusible silicate paint
- Snow-white
- Very good hiding power
- Mat surface
- Excellent application characteristics
- Low spreading rate
- Durable
- 1-component silicate paint
- Free of solvents and plasticizers
- Free of preservatives
- Free of fogging-active substances
- Suitable for people suffering from allergies

#### DIN EN 13300:

- Wet scrub resistance: R-class 2
- Contrast ratio: hiding power H<sub>10</sub>-class 1 ( $\geq 99.5$ ) at a spreading rate of 140 ml/m<sup>2</sup>
- Gloss level: G4 dull matt
- Maximum particle (grit) size: S1 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. For non-mineral substrates we recommend a priming coat with JONAS WP-Haftgrund as binder or JONAS Silikat-Mineralgrund as adhesion promoter.

#### Binding agent:

Silicate with organic stabilizer

#### Colour:

Tinting base 1 / tinting base 3

#### Content of solids:

Tinting base 1: approx. 60 %  
Tinting base 3: approx. 50 %

#### Specific gravity:

Tinting base 1: 1.65 g/cm<sup>3</sup>  
Tinting base 3: 1.30 g/cm<sup>3</sup>

#### pH value:

Tinting base 1: alkaline about 11  
Tinting base 3: alkaline about 11

#### Diluting agent:

JONAS Silikat-Grundfestiger

#### Viscosity:

Slightly thixotropic

#### Steam diffusion:

Acc. to DIN EN 52615

S<sub>D,175</sub>: approx. 0.01 m



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### Application characteristics

<b>Application:</b>	Brush / roller / spray (airless).
<b>Underground:</b>	<p>All mineral substrates which are clean, dry, and solid. Use JONAS Silikat-Grundfestiger as a primer. In case of new plasters wait for 4 weeks before coating. Old coatings based on lime, mineral and silicate must be cleaned or if necessary removed. Fix cracks and holes in plasters, let dry completely. For non-mineral substrates we recommend a priming coat:</p> <ul style="list-style-type: none"><li>- JONAS WP-Haftgrund as bonding agent to create a smooth underground</li><li>- JONAS Silikat-Mineralgrund fein to create a fine structured undergrounds</li><li>- JONAS Silikat-Mineralgrund grob to create a structured underground</li></ul> <p>For underground treatment and application VOB, part C, DIN 18363 and the relevant BFS information must be observed.</p>
<b>Coating build-up:</b>	<p>Priming with JONAS Silikat-Grundfestiger. Priming coat: dilute product with 5 - 10 % JONAS Silikat-Grundfestiger. Final coating: dilute product with 5 % JONAS Silikat-Grundfestiger.</p>
<b>Spreading rate per coating:</b>	Approx. 150 ml/m <sup>2</sup> on smooth underground (if necessary test on the wall).
<b>Application temperature:</b>	At least + 5°C (Degrees Celsius) for air and underground during application and drying.
<b>Drying:</b>	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.
<b>Tinting:</b>	<p>Product can be tinted with suitable 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 accuracy: 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"><li>Irregularly sucking substrate</li><li>Different surface humidity in the substrate</li><li>Patches with different alkalinity and / or ingredients from the substrate</li></ol>
<b>Cleaning of tools:</b>	Clean with water immediately after use.

### General information

<b>Storage:</b>	Cool, but not freezing.
<b>Shelf-life:</b>	Can be stored for at least 12 months after date of filling (see additional sticker) if stored properly in the unopened original packaging.
<b>Art.No. and description:</b>	08 80 201 JONAS Bio-Innensilikat/ tinting base 1 08 80 401 JONAS Bio-Innensilikat / tinting base 3
<b>Packaging:</b>	Tinting base 1: 12.5 l / 5 l / 2.5 l / 1.25 l Tinting base 3: 11.9 l / 4.75 l / 2.4 l / 1.2 l
<b>Ingredients acc. to. VdL RL01:</b>	Water glass, special resin dispersion, white pigment (not included in tinting base 3), calcium carbonate, water, additives. As a result of tinting, small amounts of preservatives can be added.
<b>Safety:</b>	Please follow the instructions of the safety data sheet.
<b>Labelling:</b>	This product is not classified according to EU regulation No 1272/2008 [CLP].
<b>Special advice:</b>	Protect glass plates, metal, brick, tiles and marble from splashes. Clean contaminated surfaces with water immediately.

## Bio-Innensilikat / tinting base



### General information

<b>GISCODE:</b>	BSW40
<b>VOC content:</b>	EU-Limit for the product Kat. A/a: 30 g/l (2010). This product contains <1 g/l VOC.
<b>Waste disposal:</b>	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.
<b>Advice acc. to CLP:</b>	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.