

## TECHNICAL DATA SHEET

Date of issue: 2020

# SOVALUX SILICON

## DESCRIPTION

Silicon, acrylic, elastomeric, water repellent plaster ready to use. It has excellent vapor permeability and adhesion to all masonry materials like concrete, plaster, cement, etc. It does not crack and is hydrophobic. It does not need to be over-coated by paint. Due to its elasticity, it is ideal as topcoat to the constructions for subsequent insulation of buildings.



## TECHNICAL CHARACTERISTICS

<b>Density</b>	: 1,74 - 1,83 (ΕΛΟΤ EN ISO 2811 20°C)																
<b>Viscosity</b>	: 45.000 - 55.000 mPas (ASTM D2196-86 25°C)																
<b>Thermal conductivity</b>	: $\lambda=0,7W(mk)$																
<b>Thinning</b>	: Without dilution																
<b>Coverage</b>	: 1,5-2,8 kg/m <sup>2</sup> depend on the granule size ,the desired decorative finish and the use																
	<table border="1"> <thead> <tr> <th>Product</th> <th>Granule size</th> <th>Thickness of layer</th> <th>Consumption</th> </tr> </thead> <tbody> <tr> <td>SOVALUX SILICON</td> <td>1mm</td> <td>1mm</td> <td>1.5-1.8kg/m<sup>2</sup></td> </tr> <tr> <td>SOVALUX SILICON</td> <td>1.5mm</td> <td>1.5mm</td> <td>2-2.3kg/m<sup>2</sup></td> </tr> <tr> <td>SOVALUX SILICON</td> <td>2mm</td> <td>2mm</td> <td>2.5-2.8kg/m<sup>2</sup></td> </tr> </tbody> </table>	Product	Granule size	Thickness of layer	Consumption	SOVALUX SILICON	1mm	1mm	1.5-1.8kg/m <sup>2</sup>	SOVALUX SILICON	1.5mm	1.5mm	2-2.3kg/m <sup>2</sup>	SOVALUX SILICON	2mm	2mm	2.5-2.8kg/m <sup>2</sup>
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<b>Drying time</b>	: Touch dry after 1 hour and recoat able after 2-3hours																
<b>Colors</b>	: Unlimited number of shades through tinting system of TETRALUX.																
<b>Packaging</b>	: 18kg, 25kg																
<b>VOC (Volatile Organic Compounds)</b>	: EU limit value for this product Category A: “i”, Type:WB, One pack performance coatings: 140g/l (2010). This product contains <140g/l VOC.																
<b>Painting tools</b>	: Spatula or appropriate machine																



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Remove as much paint as possible from the equipment in the container and clean it immediately with hot water and soap.

**Conditions of application** : Do not apply at temperatures below 10°C and above 35°C.

**Storage** : Store at temperatures from 5°C to 40°C. Close the container after every use.

## APPLICATION

### Stir well before use

The substrate must be clean, dry and free of foreign matter and substances. First apply a layer with the special primer SOVADUR or TETRADUR primer (waterproof substrates with high penetration and strong adhesion). After the primer dries, stir the material well and apply it with a stainless polished smooth spatula or using an appropriate plaster sprayer gun. While the Sovalux Silicon layer is fresh (about 15-20 minutes later), the surface finish is "pressed" or "scrubbed" with a plastic spatula.

## HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult TETRALUX Safety Data Sheets and follow all local or national safety regulations.