



TECHNICAL DATA SHEET

Date of issue: 2025

SOVALUX SILICONE

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

Density	: 1,74 - 1,83 (ΕΛΟΤ EN ISO 2811 20°C)																
Viscosity	: 45.000 - 55.000 mPas (ASTM D2196-86 25°C)																
Thermal conductivity	: λ=0,7 W/(mK)																
Thinning	: Without dilution																
Coverage	: 1,5-2,8 kg/m ² depend on the granule size ,the desired decorative finish and the use																
	<table><tr><td>Product</td><td>Granule size</td><td>Thickness of layer</td><td>Consumption</td></tr><tr><td>SOVALUX SILICONE</td><td>1mm</td><td>1mm</td><td>1.5-1.8kg/m²</td></tr><tr><td>SOVALUX SILICONE</td><td>1.5mm</td><td>1.5mm</td><td>2-2.3kg/m²</td></tr><tr><td>SOVALUX SILICONE</td><td>2mm</td><td>2mm</td><td>2.5-2.8kg/m²</td></tr></table>	Product	Granule size	Thickness of layer	Consumption	SOVALUX SILICONE	1mm	1mm	1.5-1.8kg/m ²	SOVALUX SILICONE	1.5mm	1.5mm	2-2.3kg/m ²	SOVALUX SILICONE	2mm	2mm	2.5-2.8kg/m ²
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Drying time	: Touch dry after 1 hour and recoat able after 2-3hours																
Colors	: Unlimited number of shades through tinting system of TETRALUX.																
Packaging	: 18kg, 25kg																
VOC (Volatile Organic Compounds)	: EU limit value for this product Category A: “c”, Type:WB, Exterior walls of mineral substrate: 40g/l (2010). This product contains max 39g/l.																
Painting tools	: Spatula or appropriate machine																

MANUFACTURE PAINTS AND VARNISHES TZELOS EV. ANASTASIOS & Co E.E.

5A SQUARE 570 22 SINDOS, INDUSTRIAL AREA OF THESSALONIKI

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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 Silicone 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.

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CE

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23

EN 15824

External render based on organic binders
DoP No: **SOVALUX SILICONE 551-23**

Water vapour permeability:	V1
Water absorption:	W3
Adhesion:	$\geq 0,4\text{MPa}$
Durability:	NPA
Thermal conductivity:	$\lambda = 0,7 \text{ W/(mK)}$
Reaction to fire:	B-s2, d0