TECHNICAL DATA SHEET
Date of issue: 2025

S O V A L U X S I L I C O N E

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. Its specially designed formulation prevents mold growth on the surface. 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 20ºC)

Viscosity : 45.000 - 55.000 mPas (ASTM D2196-86 25ºC)

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

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

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.

MANUFACTURE PAINTS AND VARNISHES TZELOS EV. ANASTASIOS & Co E.E.
5A SQUARE 570 22 SINDOS, INDUSTRIAL AREA OF THESSALONIKI
TEL: 2310 796110, FAX: 2310 723096, www.tetralux.gr, e-mail: contact@tetralux.gr

Painting tools	:	Spatula or appropriate machine 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 10ºC and above 35ºC.
Storage	:	Store at temperatures from 5ºC to 40ºC. 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
Tzelos E.Anastasios&Co 5A Street 7/8, 57022 Industrial Area of Thessaloniki Sindos, Greece **23**
EN 15824 External render based on organic binders DoP No: **SOVALUX SILICONE 551-23**

Water vapour permeability:	V1
Water absorption:	W3
Adhesion:	≥ 0,4MPa
Durability:	NPD
Thermal conductivity:	λ = 0,7 W/(mK)
Reaction to fire:	B-s2,d0