

TECHNICAL DATA SHEET

Date of issue: 2020

SOVALPIN SILICON

DESCRIPTION

Silicon, acrylic, elastomeric, waterproof plaster ready to use. It has excellent vapor permeability and adhesion to all building materials like concrete, plaster, cement, etc. It does not crack and is hydrophobic.. Eliminates the need of painting of sides. Because of 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)																
pH	: 8.6 - 8.9 (ASTM E70)																
Thermal conductivity	: $\lambda=0,7W(mk)$																
Thinning	: Without dilution																
Coverage	: 1,5-2,8 kg/m ² depend on the granule size ,the desired decorative finish and the use																
	<table border="1"> <thead> <tr> <th>Product</th> <th>Granule size</th> <th>Thickness of layer</th> <th>Consumption</th> </tr> </thead> <tbody> <tr> <td>SOVALPIN SILICON</td> <td>1mm</td> <td>1mm</td> <td>1.5-1.8kg/m²</td> </tr> <tr> <td>SOVALPIN SILICON</td> <td>1.5mm</td> <td>1.5mm</td> <td>2-2.3kg/m²</td> </tr> <tr> <td>SOVALPIN SILICON</td> <td>2mm</td> <td>2mm</td> <td>2.5-2.8kg/m²</td> </tr> </tbody> </table>	Product	Granule size	Thickness of layer	Consumption	SOVALPIN SILICON	1mm	1mm	1.5-1.8kg/m ²	SOVALPIN SILICON	1.5mm	1.5mm	2-2.3kg/m ²	SOVALPIN SILICON	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 ALPINA																
Packaging	: 18kg, 25kg																
VOC (Volatile Organic Compounds)	: EU limit value for this product Category A: “i”, Type:WB, One pack performance coatings: 140g/l (2010). This product contains <140g/l VOC.																
Painting tools	: Spatula or appropriate machine Remove as much paint as possible from the equipment in the container																



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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 ALPIPRIMER or ALPIDUR primer (waterproof substrates with high penetration and strong adhesion). After drying of the primer and before use, stir the material well and apply it with a stainless steel smooth spatula or using an appropriate machine. As long as the SOVALPIN SILICON layer is fresh (about 15-20 minutes later), the surface finish is "hardened" or "rubbed" 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 ALPINA Safety Data Sheets and follow all local or national safety regulations.