

Silatex[®] Super

Acrylic waterproofing coating for roofs with increased elasticity and durability

Fields of Application

- Roofs, terraces (made of concrete, cement boards, mosaic or cement slurries)
- Roof tiles and ridges
- Metallic surfaces
- Air-conditioning tubes
- External walls
- Old mineral bitumen membranes or bitumen shingles, of which their ageing process due to sunlight has deteriorated them.

Properties/ Advantages

- Provides protection against moisture and dries into a smooth film that covers capillary cracks
- Economical and easy to apply, even by inexperienced staff
- Resistant to extreme conditions (e.g. seaside and industrial areas)
- Water-based and one-component
- Not affected by the UV radiation
- Provides sun radiation reflection (due to white shade), decreasing discomfort inside building during summer months
- Maintains its elasticity
- Practical storage with increased lifetime
- Compatible with older waterproofing systems
- Certified with CE (EN 1504-2)

Technical Characteristics

Density	1,35±0,02 gr/cm ³
Touch dry (+25°C)	2-3 hours initially
Recoating (+25°C)	24 hours
Maximum Load (ISO 37/ASTM D 412-06a)	27,58 ± 1,19N
Tensile Stress at Maximum Load (ASTM D 412-06a)	2,24 ± 0,04MPa
Tensile Strain at Maximum Load (ASTM D 412-06a)	337,44 ± 20,43%
Tensile Strain at Break (ASTM D 412-06a)	

Silatex® Super

	370,30 ± 38,97%
Young's Modulus (ASTM D 412-06a)	3,41 ± 0,24MPa
Hardness Shore A (EN ISO 868:2003/ASTM 2240)	60
Consumption	1kg/m ² for horizontal surfaces and 0,320kg/m ² for vertical in two layers
Solids content w/w (ASTM D5201)	69%
Artificial aging test	Absolute resistance
Water permeability resistance test (ΚΕΔΕ 5219/911)	Successful
Water-vapor permeability resistance test (ASTM E96/80)	0,32gr/m ²

Application procedure

Surface preparation: Surfaces must be dry, clean from dust, dirt, greasy substances. Before the application, for stabilizing the surface, sealing all pores, enhancement of the adhesion and the material's coverage, apply 1 coating of **Revinex®** diluted with water (**Revinex®:Water-1:4**) or **Silatex® Primer** diluted 30% with Solvent **Neotex 1111**.

Application: **Silatex® Super** is applied after thorough stirring, in at least 2 coatings, crosswise. Apply it with brush or roller. The first coating is diluted with pure water (5%). The second is applied after 24 hours, undiluted.

Notes

- **Silatex® Super** must not be applied with humid weather, or if rain or humidity are forecasted for the next 48 hours
- It shouldn't be applied at temperatures below +5°C
- For demanding applications or when covering cracks bigger than 1,5 mm, **Silatex® Super** may be reinforced with specially designed non-woven polyester tissue **Neotextile**. In such cases, at least three coats of the product are required.

Cleaning of Tools

Use plenty of water immediately after application

Colors

White

Version: Silatex® Nordic

Version of **Silatex® Super**, available in terracotta shade

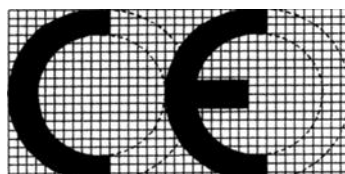
Packing

1kg, 5kg, 12kg in plastic containers

Storage Stability

The product is stable for 2 years when kept unopened in its original container, protected from frost and direct sunlight.

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DoP No. Silatex Super /4950-12

EN 1504-2

Silatex Super

Surface protection system for concrete

Coating

Water vapour permeability	:	Class I
Capillary absorption and permeability to water	:	$W < 0,1 \text{ kg/m}^2 \text{ h}^{0,5}$
Adhesion strength	:	$\geq 0,8 \text{ N/mm}^2$
Permeability to CO ₂	:	$s_D > 50 \text{ m}$
Reaction to fire	:	Euroclass F
Dangerous substances	:	comply with 5.3

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