

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

Appearance	Viscous liquid
Density (EN ISO 2811-1)	1,38kg/L (±0,05 kg/L)
Elongation at break (ASTM D412)	370(±20)%
Tensile strength at max. load (ASTM D412)	2,24MPa (±0,04MPa)
Young's Modulus (ASTM D412)	3,41MPa (±0,24 MPa)

Silatex[®] Super

Adhesion strength (EN 1542)	>2N/mm ²
Hardness Shore A (ASTM D2240)	60
Capillary water absorption (EN 1062-3)	0,02kg/m ² h ^{0.5}
CO ₂ permeability (EN 1062-6)	Sd>50m
Water vapour permeability (ISO 7783)	Sd=1,2m
Artificial Aging (Test QUV, 400h)	Successful
Consumption	1kg/m² for two layers (cementitious surface)

Curing Details

Drying time (+25°C)	2-3 hours (initially)
Dry to recoat (+25°C)	24 hours
Total hardening	~7 days

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, roller, or airless spray. The first coating is diluted with pure water (5%). The second is applied after 24 hours, undiluted.

Notes

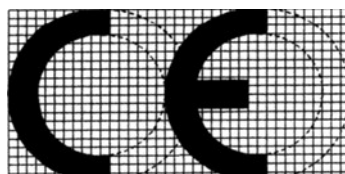
- Application conditions:** Substrate moisture <4% / Relative atmospheric humidity <80% / Atmospheric and substrate temperature: +8°C min. / +35°C max.
- Low temperatures and high humidity prolong drying times
- Silatex[®] Super** must not be applied with humid weather, or if rain or humidity are forecasted for the next 48 hours

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- 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 (RAL 9003)
Version	Silatex[®] Nordic : Version of Silatex[®] Super 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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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

The information supplied in this datasheet, concerning the uses and the applications of the product, is based on the experience and knowledge of NEOTEX[®] SA. It is offered as a service to designers and contractors in order to help them find potential solutions. However, as a supplier, NEOTEX[®] SA does not control the actual use of the product and therefore cannot be held responsible for the results of its use. As a result of continual technical evolution, it is up to our clients to check with our technical department that this present data sheet has not been modified by a more recent edition.