

## Silatex<sup>®</sup> Super

### Acrylic waterproofing coating for roofs with increased elasticity and durability

#### Fields of Application

Roofs, terraces, Exterior wall (made of concrete, cement boards, mosaic or cement slurries)  
Roof tiles and ridges  
Metallic surfaces  
Air-conditioning tubes  
  
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 <sup>3</sup>
Touch dry (+25°C)	2-3 hours initially
Recoating (+25°C)	24 hours
Elongation at break (ASTM D412)	370 %
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)	370,30 ± 38,97%



ATHENS: V. MOIRA, INDUSTRIAL AREA MANDRA, 19600, ATHENS, GREECE, TEL.: +30 210 5557579, FAX: +30 210 5558482

THESSALONIKI: 10th km N.R THESSALONIKIS-POLIGIROU, 57001, THERMI THESSALONIKI, GREECE, TEL.: +30 2310 467275, FAX: 2310 463442

## Silatex<sup>®</sup> Super

Young's Modulus (ASTM D 412-06a)	3,41 ± 0,24MPa
Hardness Shore A (EN ISO 868:2003/ASTM 2240)	60
Consumption	1kg/m <sup>2</sup> for two layers (for roof, terrace) 0,2kg/m <sup>2</sup> - 0,3kg/m <sup>2</sup> for two layers (for exterior wall)
Solids content w/w (ASTM D5201)	69%
Artificial aging test	Absolute resistance
Water permeability resistance test (KEΔE 5219/911)	Successful
Water-vapor permeability resistance test (ASTM E96/80)	0,32gr/m <sup>2</sup>

### 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<sup>®</sup>** diluted with water (**Revinex<sup>®</sup>**:Water-1:4) or **Silatex<sup>®</sup> Primer** diluted 30% with Solvent **Neotex 1111**.

*Application:* **Silatex<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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, terracotta

### 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.

## Silatex<sup>®</sup> Super



1922

NEOTEX S.A.  
V. Moira str., P.O. Box 2315  
GR 19600 Industrial Area Mandra, Athens, Greece

15

1922-CPR-0386

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 <sub>2</sub>	:	$s_D > 50 \text{ m}$
Reaction to fire	:	Euroclass F
Dangerous substances	:	comply with 5.3