

## Silatex® Primer

### Acrylic solvent-based primer

#### Description

Acrylic solvent-based primer for exterior surfaces, with high penetrating ability. Impregnates and stabilizes various substrates, as well as improves the adhesion of water-based waterproofing coatings and acrylic paints.

#### Fields of application

Roofs and walls made of concrete, plaster, cement screed, gypsum board, etc. or surfaces already painted with older coatings, that are to be covered with water-based waterproofing coatings (e.g. **Neoproof® PU W**, **Neoroof®**, etc) or acrylic paints (e.g. **Neocryl® Sport Flex**, **Neocryl® Special**, etc.)

#### Properties - Advantages

- High penetrating ability and excellent adhesion
- Stabilizes old and new substrates
- Suitable for interior and exterior use
- Water vapour permeable, allows the surfaces to “breathe”
- Fast-drying - may be overcoated soon after its application
- Easy to apply (one-component)



#### Packing

5L

#### Technical characteristics

Density (EN ISO 2811-1)	0,81kg/L (±0,05)
Adhesion strength (EN 1542)	≥2,5N/mm <sup>2</sup>

**Consumption: 160-180ml/m<sup>2</sup> in one layer**

#### Application conditions

Substrate moisture content	<4%
Relative air humidity (RH)	<70%
Application temperature (ambient - substrate)	+5°C min. / +35°C max.

## Curing details

Drying time (+25°C, RH 50%)	1-2 hours
Dry to recoat - overcoat (+25°C, RH 50%)	3 hours
<i>* Low temperatures and high humidity during application and/or curing prolong the above times, while high temperatures reduce them</i>	

## Instructions for use

### Substrate preparation

The surface must be stable, clean, dry, protected from rising moisture and free of dust, oil, grease and loose materials. Any poorly adhering materials and older coatings should be removed, and the surface should be thoroughly cleaned mechanically or chemically. Depending on the substrate, appropriate mechanical preparation may be required, to smooth the irregularities, open the pores and create the optimum conditions for adhesion. The surfaces should be sufficiently flat, smooth, and continuous (i.e., without holes, cracks, bays, etc.). In the opposite case, they should be treated accordingly (e.g. by proper puttying).

### Application

**Silatex® Primer** is applied on the surface by roller, brush or airless spray. For higher penetration into the substrate, and especially in the case of non-porous surfaces, it is recommended to dilute 10-15% with solvent **Neotex® 1111**. In case of increased substrate porosity, an additional layer may be required.

## Special notes

- **Silatex® Primer** should not be applied under wet conditions, or if wet conditions are expected to prevail during the application or the curing period of the product.
- The substrate temperature must be at least 3°C above dew point to reduce the risk of condensation or blooming on the surface finish
- In case that an extended period of time of more than 24 hours has passed between successive layers, it is recommended to lightly sand the surface of the previous layer, in order to avoid possible adhesion problems of the next layer

<b>Appearance</b>	Transparent
<b>Packing</b>	5L in metal cans
<b>Cleaning of tools – Stains removal</b>	By <b>Neotex® 1111</b> immediately after the application. In case of hardened stains, by mechanical means only.
<b>Volatile organic compounds (V.O.C.)</b>	V.O.C. limit acc. to the E.U. Directive 2004/42/CE for this product of category AhSB: 750g/l (Limit 1.1.2010) - V.O.C. content of the ready-to-use product <750g/l
<b>UFI code</b>	01D0-30VY-S00E-FVC4

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**Storage stability**

2 years, if kept in the original sealed packaging, protected from frost, humidity and exposure to solar radiation.

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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 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.

**HEADQUARTERS - PLANT**  
V. Moira str., Xiropigado  
**LOGISTICS SALES & CENTER**  
Loutsas str., Voro

P.O. Box 2315, GR 19600  
Industrial Area Mandra  
Athens, Greece  
T. +30 210 5557579

**NORTHERN GREECE BRANCH**  
Ionias str., GR 57009  
Kalochori, Thessaloniki, Greece  
T. +30 2310 467275