

SurfaSil Primer

Aqueous primer for mineral surfaces

Product Description

SurfaSil Primer is an aqueous transparent primer for mineral substrates. Its inorganic nature ensures excellent compatibility and adhesion to mineral surfaces via formation of chemical bonds. It also forms a binding layer that is better prepared to receive the paint. After application, the natural appearance, porosity and water vapor permeability of the modified surfaces remain unaffected.

Recommended Use

Suitable for exterior & interior, new or previously painted mineral surfaces such as concrete, lime, plaster and mineral boards.

Key Benefits

- ☆ Enhances the compressive and flexural strength of building materials
- ☆ Fixes loose surfaces - Does not affect the natural look
- ☆ Breathable - Inorganic composition without resins, does not form a film
- ☆ Great penetration and resistance to weather conditions and UV radiation
- ☆ Water-repellant
- ☆ Alkali resistant

Technical Specifications

Type ▶	Aqueous suspension
Appearance ▶	Transparent
Density ▶	1.10 ± 0.05 g/cm ³
Application temperature ▶	From 5°C to 35°C
Drying time ▶	30 min @ 25°C
pH ▶	12.0 ± 0.5
Viscosity/SFlowtime ▶	12.14 sec @ 20°C
Curing time ▶	24h @ 25°C

Surface Preparation

All surfaces must be clean, dry, free of dust, oils, salts, grease, rust and loose residue.

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Application Instructions

Shake the container well before use. Surfa**Sil Primer** can be applied by spray, roller or brush. Allow the primer to cure and react with the substrate for at least 18 hours before the application of a product from Surfa**Sil** series of NanoPhos.

Spreading Rate

6-8 m²/L, accordingly to the absorbance of surface application.

Storage

Store in the original closed package, in a well-ventilated area, strictly at a temperature of 5°C to 35°C, away from sunlight and frost, for 24 months. Inclement storage conditions may affect product quality.

Health & Safety

Read the label of the product before use. Safety Data Sheet is available through NanoPhos' website www.NanoPhos.com or upon request by contacting NanoPhos through email: info@NanoPhos.com or by telephone: (+30) 2292069312.

Available Packaging

- 1L Plastic Container
- 4L Plastic Container

Disclaimer: The Technical Data Sheet recommendations for the use of NanoPhos' products are based on our scientific knowledge, laboratory studies and long-term experience. The information provided must be considered indicative and subject to constant review based on specific conditions and each practical application. The suitability of the product should be examined in each case for specific use and the end user bears full & exclusive responsibility for any side effects that may arise from the incorrect use of the product. The present edition of this technical datasheet automatically cancels any previous one concerning the same product. For more information please contact NanoPhos: info@NanoPhos.com