

## SurfaPaint™ Pool Epoxy Primer

2-component epoxy primer with solvents for pools

### Product Description

SurfaPaint™ **Pool Epoxy Primer** is a transparent two-component epoxy primer, with solvents. The SurfaPaint™ **Pool Epoxy Primer** is designed for use as the first layer prior to epoxy coating application in swimming pools made of concrete, cement mortars and screed surfaces. It improves the bonding between the layers and creates adhesion bridge. It prevents water absorption by filling the capillary pores on the concrete surfaces.

### Recommended Use

The SurfaPaint™ **Pool Epoxy Primer** is an epoxy primer for use on cementitious substrates such as swimming pools, tanks, fountains, where high impact and/or friction loads are observed, a wide range of temperatures and protection from alkalis and rust is required.

### Key Benefits

- ☆ Ideal for structural and polyester substrates
- ☆ Excellent resistance to water, chlorinated compounds, alkalis, dilute acids and mineral oils
- ☆ Has excellent adhesion to the substrate
- ☆ Ideal for large temperature differences
- ☆ Very good penetrating ability due to its balanced composition
- ☆ Easy to apply

**NanoPhos S.A.**

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### Technical Specifications

Type	▶	Two component solvent-based epoxy coating
Components	▶	Base A & Hardener B
Mixing ratio	▶	4:1 A: B v/v
Thinner / solvent	▶	NPTA NanoPhos Thinner A (5-25% v/v)
Appearance	▶	Transparent
VOC (Volatile Organic Compounds)	▶	<499 g/L
Density	▶	1.25 ± 0.05 g/cm <sup>3</sup>
Viscosity	▶	60-80 KU
Relative humidity	▶	Maximum 65%
Touch-dry time	▶	3h @ 25°C
Drying time	▶	8h @ 25°C
Pot life	▶	1.5h @ 25°C
Min. Recoat Interval	▶	6h @ 25°C
Max Recoat Interval	▶	2 days
Full curing	▶	7d @ 25°C
Application temperature	▶	From +5°C to +35°C
Resistance to chemicals	▶	Excellent
Resistance to abrasion	▶	35 mg
Maximum substrate moisture	▶	4%
Tool cleaning	▶	NanoPhos Thinner A

(\*) Dry-to-recoat time is prolonged under low temperature and high humidity

### Surface Preparation

All surfaces must be clean, free from dust, oils, grease and loose residues. New cement substrates or new masonry should have matured for more than 4 weeks before application. Substrates with damage, cracks and holes should be repaired with appropriate repairing material. It is recommended that the substrate be cleaned with a high-efficiency vacuum cleaner before application.

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### Application Instructions

#### MIXING:

Pour the component B into the component A and mix very well for 3 minutes with a low-speed drill. The stirring should be done both on the walls and on the bottom for proper homogenization. Then if necessary dilute with NanoPhos Thinner A solvent (5-25% v/v) depending on the application, the desired workability and the absorbency of the substrate.

#### APPLICATION:

Apply with a roller, brush or airless spraying. The SurfaPaint™ **Pool Epoxy Primer** is superficially dry in 2-3 hours and can be repainted after 12 hours. Its recoating time should not exceed 2 days. These times vary depending on the relative humidity and temperature. All tools and equipment should be cleaned immediately after use with NanoPhos Thinner A solvent. One or more coats may be needed to ensure that a uniform coating is achieved and to compensate for differences in surface porosity. Do not apply to high thickness because this may cause swelling, blisters and/or premature detachment of the paint. Anti-slip aggregates can be scattered upon the sealer while still tacky, to provide some slip resistance in wet areas.

### Spreading Rate

8-10 m<sup>2</sup>/L, depending on the absorbance of the application surface.

### Storage

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

### Health and Safety

Read the product label before use. The Safety Data Sheet is available on [www.NanoPhos.com](http://www.NanoPhos.com) or on request by contacting NanoPhos by email: [info@nanophos.com](mailto:info@nanophos.com) or by phone: 2292069312.

### Available Packages

- 2,5L Metal containers A+B
- 5L Metal containers A+B
- 20L Metal containers A+B

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*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](mailto:info@NanoPhos.com)*

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