SurfaPaint™ **Floor Epoxy Primer**

Two-component solvent-based epoxy primer.

Product Description

SurfaPaint™ Floor Epoxy Primer is a two-component, transparent epoxy primer. It has high hardness, high resistance to abrasion and chemicals such as chlorinated substances, water, mineral oils, most diluted acids and alkalis.
SurfaPaint™ Floor Epoxy Primer is ideal for high traffic areas, floors exposed to high temperature variations and has high mechanical strength, as well as improved slip resistance properties.
Provides strong adhesion to surfaces such as concrete, plaster, metal, wood, MDF, etc.

recommendation

SurfaPaint™ Floor Epoxy Primer is ideal for cement-based substrates such as floors industrial buildings, garages, workshops, warehouses, shops and water tanks.
SurfaPaint™ Floor Epoxy Primer can be used to stabilize old concrete surfaces and to improve the adhesion of sealants to the joints of construction surfaces.

BENEFITS

- Stabilizes and deeply penetrates the substrate.
- Excellent resistance to water, chlorinated substances, alkalis, diluted acids and mineral oils.
- Exceptional adhesion to the substrate.
- Ideal for floors exposed to large temperature variations.
- Excellent resistance to mechanical stress.

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Technical Specifications

Type ÿ	Two component solvent-based epoxy coating
Componentsÿ	Base A & Hardener B
Mixing ratioÿ	4:1 v/v A: B
Thinner / solventÿ	NPTA NanoPhos Thinner A (5-25% v/v)
Appearance ÿ	Transparent
VOC (Volatile Organic Compounds) ÿ	<499 g/L
Density ÿ	1.25 ± 0.05 g/cm3
Viscosity ÿ	60-80 KU
Relative humidity ÿ	Maximum 65%
Touch-dry time ÿ	3h @ 25°C
Drying time ÿ	8h @ 25°C
Pot life ÿ	1.5h @ 25°C
Min. Recoat Interval ÿ	6h @ 25°C
Max Recoat Interval ÿ	2 d @ 25°C
Full curing ÿ	7d @ 25°C
Application temperature ÿ	From +5°C to +35°C
Resistance to chemicals ÿ	Excellent
Resistance to abrasionÿ	35 mg
Maximum substrate moisture ÿ	4%
Tool cleaning ÿ	NanoPhos Thinner A

The drying time for applying an additional coat is extended in low temperature conditions and high humidity.

Surface preparation

The substrate must be dry, solid, clean and free of oil, grease, loose materials, contaminants, surface and other materials that may inhibit adhesion.

Concrete substrates must be prepared mechanically by shot blasting, milling or grinding with diamond discs.

Weak concrete must be removed and surface defects, such as pores or voids, must be fully exposed.

Imperfections, such as cracks, holes, and scratches, should be repaired with filler materials. appropriate.

All traces of dust and loose materials must be completely removed from all surfaces before application, preferably with a vacuum cleaner.

On new concrete, application must be made at least 4 weeks after construction.

On already painted substrates, the existing paint should be lightly sanded with sandpaper to ensure a smooth finish. optimal paint adhesion.

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Application method

Always pour the entire amount of Hardener B into Base A and mix thoroughly for 3 minutes using a mixer or a low-speed drill.

Mixing must be done on both the walls and bottom of the container for homogenization.

appropriate.

Optionally, the primer can be diluted with NanoPhos Thinner A solvent (5-25% v/v), depending on the application, desired workability and substrate absorption.

It is recommended

Coverage rate

8-10 m²/L, depending on the absorption of the applied surface.

Storage

Base A: Store in the original, closed packaging, in a well-ventilated environment, at a temperature above 5°C and below 35°C, protected from direct sunlight and frost.

Hardener B: Store in the original, closed packaging, in a well-ventilated environment, at a temperature above 5°C and below 35° C, protected from direct sunlight and frost.

Improper storage conditions can affect product quality.

Health and safety

Read the product label before use.

The Safety Data Sheet is available on the website www.NanoPhos.com or can be

requested by contacting NanoPhos by email at info@NanoPhos.com or by phone at 2292069312.

Available Packaging

- ÿ Set of 2.5L Metal Canisters (Base A+ Hardener B)
- ÿ Set of 5L Metal Canisters (Base A+ Hardener B)
- ÿ Set of 20L Metal Canisters (Base A+ Hardener B)

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Disclaimer: The recommendations in the Technical Data Sheet for the use of NanoPhos products are based on our scientific knowledge, laboratory studies and long-term experience. The information provided should be considered indicative and is subject to constant review, depending on the specific conditions and each practical application.

The suitability of the product must be examined in each case for the specific use and the end user bears full responsibility for any side effects that may arise from incorrect use of the product.

This edition of this data sheet automatically cancels any previous edition relating to the same product. For more information, please contact NanoPhos: info@NanoPhos.com.

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