

## SurfaPaint™ Floor Epoxy Enamel

Two-component solvent-based epoxy coating

### Product Description

SurfaPaint™ Floor Epoxy Enamel is a two-component epoxy coating, designed for heavy duty industrial floor applications. SurfaPaint™ Floor Epoxy Enamel is an easy to apply product, leaving a seamless semi-gloss abrasion and impact resistant finishing. It is suitable for concrete, steel, non-ferrous metals and industrial floors.

### Recommended Use

SurfaPaint™ Floor Epoxy Enamel is ideal for industrial floors, garages, workshops, warehouses, department stores and water tanks. SurfaPaint™ Floor Epoxy Enamel can be used for a wide range of floors with various levels of mechanical and chemical exposure.

### Key Benefits

- ☆ Excellent resistance to water, alkalis and chemicals
- ☆ Excellent adhesion to concrete and metal substrates
- ☆ Ideal for heavy traffic areas
- ☆ Excellent resistance to mechanical stress

#### NanoPhos S.A.

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### Technical Specifications

Type	▶	Two component solvent-based epoxy coating
Components	▶	Base A & Hardener B
Colors	▶	Window Grey 7040/Agate Grey 7038
Mixing ratio	▶	4:1 v/v A: B
Thinner / solvent	▶	NPTA NanoPhos Thinner A (5-10% v/v)
VOC (Volatile Organic Compounds)	▶	<499 g/L
Density	▶	1.15 ± 0.05 g/cm <sup>3</sup>
Viscosity	▶	90-110 KU
Relative humidity	▶	Maximum 65%
Touch-dry time	▶	3h @ 25°C
Drying time	▶	3-4h @ 25°C
Pot life	▶	1h @ 25°C
Recoat Interval	▶	6-48h @ 25°C
Full curing	▶	5d @ 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 conditions of low temperatures 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. Apply one coat SurfaPaint™ Floor Epoxy Primer on new concrete.

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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 (5-10% v/v) depending on the application, the desired workability and the absorbance of the substrate.

#### APPLICATION:

Apply with a roller, brush or airless spraying. The SurfaPaint™ Floor Epoxy Enamel 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.

### Spreading Rate

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

### Storage

**Base A:** Store in the original closed package, in a well-ventilated environment with temperature above 5°C and below 35°C, away from sunlight and frost.

**Hardener B:** Store in the original closed package, in a well-ventilated environment with temperature above 5°C and below 35°C, away from sunlight and frost.

Incomplete storage conditions may affect product quality.

### Health and Safety

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

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### Available Packaging

Available in Window Grey 7040 & Agate Grey 7038

- Set of 2,5L Metal Canisters (Base A+ Hardener B)
- Set of 5L Metal Canisters (Base A+ Hardener B)
- Set of 20L Metal Canisters (Base A+ Hardener B)

Other colors available upon request.

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)

SurfaPaint™ is a registered trademark of NanoPhos SA

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