

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 that provides a continuous, semi-gloss finish that is resistant to abrasion and impact. 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 exposed to different levels of mechanical and chemical stress.

BENEFITS

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

NanoPhos SA

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Technical Specifications

Type • Two component solvent-based epoxy coating
Components • Base A & Hardener B
Colors • Window Gray 7040/Agate Gray 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/cm³
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 of dust, oils, grease or loose residue.

New concrete or masonry substrates must be cured for at least 4 weeks before application. Substrates with damage, cracks or holes must be repaired with suitable repair materials. It is recommended that the substrate be cleaned with a high-efficiency vacuum cleaner before application. Apply a coat of SurfaPaint™ Floor Epoxy Primer to the new concrete.

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Application instructions

MIXING:

Pour component B into component A and mix thoroughly for 3 minutes using a low speed drill. Mixing should be done on both the walls and the bottom of the container for proper homogenization. Then, if necessary, dilute with NanoPhos Thinner A (5-10% v/v) depending on the application, desired workability and substrate absorption.

APPLICATION:

Apply by roller, brush or airless spray. SurfaPaint™ Floor Epoxy Enamel becomes dry to the surface in 2-3 hours and can be re-applied after 12 hours. Re-application time should not exceed 2 days. These intervals may vary depending on relative humidity and ambient temperature. All tools and equipment should be cleaned immediately after use with NanoPhos Thinner A.

Coverage rate

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

Storage

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

Hardener B: Store in the original, tightly closed packaging in a well-ventilated area at a temperature of above 5°C and below 35°C, protected from 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 at <http://>

www.NanoPhos.com or can be requested by contacting NanoPhos by email at: info@NanoPhos.com

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Available Packaging

Available in Window Gray 7040 & Agate Gray 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 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 must be considered indicative and are subject to constant review depending on the specific conditions and each application. The suitability of the product must be verified 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.

SurfaPaint™ is a registered trademark of NanoPhos SA

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