

SurfaPaint™ Acrylic Hard Floor

High Quality, 100% acrylic water-based coating, for interior & exterior cementitious surfaces

Product Description

SurfaPaint™ **Acrylic Hard Floor** is a water-based 100% acrylic coating, suitable for horizontal cementitious surfaces. It has excellent adhesion, opacity and high resistance to wear, impact and abrasion. It is easy to apply and provides a long-lasting solution to floor protection. It is resistant to inclement weather conditions, constant humidity, frost, UV radiation, sudden temperature changes, but also atmospheric pollution. Finally, it is suitable to receive light-to-medium pedestrian and vehicular traffic.

Recommended Use

SurfaPaint™ **Acrylic Hard Floor** is ideal for indoor or outdoor use on cementitious surfaces, such as concrete floors, concrete columns, pavers, sidewalks, sports floors, yards, garages, bike paths etc. protecting from inclement weather conditions and maintaining the surface unchanged over time.

Key Benefits

- ☆ High adhesion on concrete surfaces
- ☆ Increased mechanical resistance to impact and friction
- ☆ Easy to use, one component
- ☆ Extremely resistant to inclement weather conditions and UV radiation
- ☆ Odorless and environmentally friendly, water-based
- ☆ Satin finish

NanoPhos S.A.

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Technical Specifications

Type	▶	100% Acrylic, water-based
Color	▶	White, grey 7035
Density (EN ISO 2811-1)	▶	1.3±0.05 kg/L
Cleaning solvent	▶	Water
pH (ISO 4316)	▶	8.5±0.5
VOC (Volatile Organic Compounds)	▶	<50 gr/L ¹
Viscosity (ASTM D562-10)	▶	115 KU
Touch-dry time	▶	1-2h @20°C (*)
Drying time	▶	8-10h @20°C (*)
Min. Recoat Interval	▶	24h @20°C (*)
Application temperature	▶	8°C – 35°C
Relative surface humidity	▶	<6°C
Relative atmospheric humidity	▶	<80°C
Dilution by volume	▶	5-10% with water

VOC (Volatile Organic Compounds): EU limit value (Directive 2004/42/EC) of the ready-to-use product (Category A/i "One-pack performance coatings", Type WB): 140 g/L (2010). Maximum VOC content of the specific product is 50 g/L.
Dry to recoat time is prolonged under low temperature and high humidity

Surface Preparation

All surfaces must be clean, dry and free of dust, oils, grease and loose residue. New cementitious substrates should have matured for more than 3-4 weeks before applying the primer. Fill cracks and joints with suitable repair material SurfaFix™ 200 of NanoPhos.

Before applying SurfaPaint™ Acrylic Hard Floor, the surface is primed using SurfaPaint™ Acrylic Hard Floor itself thinned up to 20% by volume with water or water-based primer SurfaMix™ P (for porous surfaces) and SurfaMix™ Epoxy Primer WB (for non-porous surfaces, e.g. metal surfaces, ceramic tiles, cementitious surfaces or old polyurethane coatings).

Application Instructions

Stir well before use. Apply 2 coats crosswise using a good quality brush, roller or airless spray gun with 24hrs recoating interval. Make sure corners and edges are adequately covered.

Recoating time should be 24 hours and crosswise. Maximum protection is achieved 7 days after application. Good ventilation is required to ensure proper drying. Tools and equipment should be cleaned with water immediately after use.

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Spreading Rate

10 -12 m²/L, depending on the absorbance of surface application

Storage

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

Health and 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

Available in white & grey 7035

- 3L Plastic bucket
- 10L Plastic bucket

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

SurfaPaint™ is a registered trademark of NanoPhos SA

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