

NANOMAX HARD FLOOR

High quality, 100% acrylic, water-based coating for interior and exterior cementitious surfaces.

Product Description

NANOMAX Hard Floor is a 100% acrylic, water-based coating suitable for horizontal cementitious surfaces. It offers excellent adhesion, high opacity and outstanding resistance to wear, impact and abrasion. It is easy to apply and provides a long-lasting solution for floor protection.

The coating is resistant to adverse weather conditions, constant humidity, frost, UV radiation, sudden temperature changes, as well as atmospheric pollution. In addition, it is suitable for light to medium foot traffic and light vehicular traffic.

Recommended use

NANOMAX Acrylic Hard Floor is ideal for indoor or outdoor use on cementitious surfaces, such as concrete floors, concrete columns, pavers, sidewalks, sports fields, yards, garages, bike paths, etc.

The product protects against adverse weather conditions and keeps the surface unchanged over time.

BENEFITS

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

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Technical specifications

Type	100% Acrylic, water is flowing
Color	White, gray 7035
Density (EN ISO 2811-1)	1.3±0.05 kg / L Clear
Solvent	Water
pH (ISO 4316)	8.5±0.5
VOC (Volatile Organic Compounds)	<50 gr/ L1
Viscosity (ASTM D562-10)	115 KU
Touch-dry time	1-2h @ 20°C (*)
Drying time	8-10h @ 20°C (*)
Min. Refrigeration Interval	24h @ 20°C (*)
Application temperature	8°C – 35°C
Relative humidity	<65°C
Relative to 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 A1 "One-pack per formula ecoating s", Type WB): 140 g / L (2010). Maximum VOC content of the specific product is 50 g / L.
Dry to recoat time is prolonged where low temperature and high humidity

Surface preparation

All surfaces must be clean, dry and free of dust, oils, grease and loose residues.

New cement substrates must be cured for more than 3-4 weeks before applying primer. Fill cracks and joints with appropriate repair material, SurfaFix™ 200 from NanoPhos.

Before applying NANOMAX Hard Floor, the surface is primed using NANOMAX Hard Floor diluted up to 20% by volume with water or with a water-based primer, SurfaMix™ P (for porous surfaces) or SurfaMix™ Epoxy Primer WB (for non-porous surfaces, e.g. metal surfaces, ceramic tiles, cement surfaces or old polyurethane layers).

Application instructions

Mix well before use. Apply 2 cross-layers using a good quality brush, a roller or an airless spray gun, respecting a 24-hour interval between coats.
Make sure corners and edges are adequately covered.

The recoating time should be 24 hours, and the application should be cross-coated. 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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Coverage rate

10-12 m²/ L, depending on the absorption of the surface to be applied.

Storage

Store in tightly closed packaging in a well-ventilated area at a temperature between 5°C and 35°C, away from direct sunlight and frost. Unfavorable storage conditions may affect the quality of the product.

Health and safety

Read the product label before use. The Safety Data Sheet is available on the NanoPhos website: www.NanoPhos.com or upon request by contacting NanoPhos by email at info@NanoPhos.com or by phone at 2292069312.

TO

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pack

Available in white & gray 7035

• 3L Plastic bucket

• 10L Plastic bucket

Disclaimer: The recommendations in the Product 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 subject to constant review, depending on the specific conditions and each practical application. The suitability of the product must be verified in each case for the specific use, and the end user bears full and exclusive 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 at info@NanoPhos.com.

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