

PERSISTENT CHALLENGES? NEW SOLUTIONS!



NanoPhos

*Pioneering
Nanotechnology*



PERSISTENT CHALLENGES?

NEW SOLUTIONS BY NANOPHOS!



THE CHALLENGE:

Mould removal and prevention on interior & exterior walls

THE PRODUCTS & ESTIMATED CONSUMPTION RATE*:

- DeSalin AM 8-10 m²/lt
- SurfaMix P 30-40 diluted m²/lt
- SurfaPaint Aqua X 10-12 m²/lt

THE SOLUTION:

- Unique formulation of DeSalin AM that disinfects mould spores while bleach just spreads them over to the surface applied.
- DeSalin AM active ingredients bind on the application surface offering a long-term sterilization.
- SurfaMix P can be applied directly as a primer on exterior / interior walls (masonry, concrete, plaster, drywalls), before the final application of paint, for better adhesion.
- SurfaPaint AquaX, as a waterproofing paint, maintaining high levels of breathability.

APPLICATION:

Apply DeSalin AM by using a brush, without any prior dilution. Scrub with a sponge or a stiff brush after 24h. Rinse the application surface with water or a wet sponge. Let the surface dry well. Apply SurfaMix P, one even coat by using a brush. For 1 volume part of SurfaMix P, dilute by adding 3 volume parts of water (porous masonry substrates) or 4 volume parts of water. Typically, drying time is 1 hour. As a good practice, apply emulsion paints 24h after primer application. Apply SurfaPaint AquaX 2-3 even coats using a good quality brush.



THE CHALLENGE:

Thermal insulation and self-cleaning

THE PRODUCTS & ESTIMATED CONSUMPTION RATE*:

- Surfamix P 30-40 diluted m²/lt
- SurfaPaint ThermoDry Interior or Exterior 10-12 m²/lt
- SurfaShield C 8-10 m²/lt

THE SOLUTION:

- High quality acrylic elastomeric emulsion paints.
- Thermal insulating properties, ideal for exterior or interior use.
- Contains special ThermoDry particles (thermal insulating ingredients) providing energy savings during winter and summer.
- Blocks heat transfer, reflect thermal radiation and create a moisture barrier.
- Suitable for application on masonry exposed to adverse weather conditions, protecting surfaces with micro cracks.
- SurfaShield C by harnessing light, decompose organic stains, bacteria, mould, gaseous pollutants, even odours, making surfaces safer and clean.



APPLICATION:

SurfaMix P can be applied directly on exterior or interior wall surfaces (masonry, concrete, plaster, drywalls). Ensure all surfaces are clean and dry prior to application. Remove any dust and dirt. Stir well before application. Do not dilute for bridging gaps and hairline cracks of up to 0,5mm. For cracks bigger than 1mm, fill the gap with a suitable putty. Apply 2-3 even coats of SurfaPaint ThermoDry Interior or SurfaPaint ThermoDry Exterior, but do not overbrush, using a good quality brush or roller. Before applying SurfaShield C, shake or stir the container vigorously. The application surface should be dry and clean. Apply SurfaShield C with a brush, roller or spray gun. No dilution is required.



THE CHALLENGE:

Water or stain protection for cement/natural & artificial stones

THE PRODUCTS & ESTIMATED CONSUMPTION RATE*:

- SurfaPore M 8-10 m²/lt
- SurfaPore C 8-10 m²/lt

THE SOLUTION:

- SurfaPore C provides waterproofing while SurfaPore M provides simultaneously water and oil stain protection.
- Invisible protection – no change in the appearance of the applied surface.
- Water based material and easy to use.
- Long expected useful life without the surface being affected of the weathering conditions.

APPLICATION:

The application surface should be dry and clean. Apply SurfaPore C for waterproofing or SurfaPore M for stain protection with brush, roller or spray gun. No dilution is required. For extra protection of very sensitive surfaces reapply.



THE CHALLENGE:

Rust removal

THE PRODUCTS & ESTIMATED CONSUMPTION RATE*:

- DeSalin Gel Rust Remover 8 m²/kg

THE SOLUTION:

- Gel formula that removes rust without any needs of mechanical treatment.
- Remain without dripping.
- Transforms rust to a phosphating coating that creates an early corrosion resistant layer.
- Prevents early development of rust.
- Prepares rust surfaces for application of paints.



APPLICATION:

The application surface must be free of dust and friable materials. Remove loose rusted pieces and rust dust by means of a metallic brush. Apply DeSalin Gel Rust Remover, without prior dilution, by using a paint brush. Allow to act on the surface for 10-20 minutes. If possible, "massage" DeSalin Gel Rust Remover gel formula during application. Scrub with a soft sponge or a soft non-metallic brush. Wash thoroughly with plenty of water. For persistent rust stains reapply.



THE CHALLENGE:

Rooftop cool and water insulation

THE PRODUCTS & ESTIMATED CONSUMPTION RATE*:

- SurfaMix Universal Primer 50-150 ml/m²
- SurfaPaint Hellas Cool White or SurfaPaint ThermoDry Elastomeric Roof 1-3 m²/lt
- SurfaShield C 8-10 m²/lt

THE SOLUTION:

- High thermal reflectance / emissivity.
- Waterproofing, even in ponding water.
- Provides coolness and water insulation properties.
- SurfaShield C induces self-cleaning properties for long-term thermal reflectance and cool properties.

APPLICATION:

Rooftop should be dry and free of mould, dirt, dust, oily residues or flaking parts. Apply SurfaMix Universal Primer by using an airless sprayer or a roller. SurfaMix Universal Primer is a solvent based formulation and, therefore, application equipment should be accordingly. 8h after primer application apply cross-rolled, SurfaPaint Hellas Cool White or SurfaPaint ThermoDry Elastomeric Roof and ensure corners and edges are adequately covered. Additional coats applied 24h after the previous application. 24h after application of SurfaPaint Hellas Cool White or SurfaPaint ThermoDry Elastomeric Roof, apply SurfaShield C by using airless sprayer.



THE CHALLENGE:

Wood decks protection

THE PRODUCTS & ESTIMATED CONSUMPTION RATE*:

- SurfaPaint Deck Oil 12-15 m²/lt

THE SOLUTION:

- Binder stabilized.
- Deep penetrating protecting formulation.
- Ideal for hardwood surfaces (eg decks).
- Excellent UV protection.
- Restores the natural oils lost through weathering.
- Wet look finish that lasts longer than other conventional oils.
- Durable long-life finish, suitable for wood with large contraction and expansion properties.



APPLICATION:

The deck should be clean, dry and free from oil, grease and other foreign matters or contamination. The application of SurfaPaint Deck Oil can be done through conventional sprayers, airless sprayers and roller or brush. Substrate temperature should be minimum 5°C above environmental temperature and at least 3°C above air dew point. Good ventilation is required to ensure proper drying.



P.O. BOX 519
Technological & Science Park
Lavrio 19500, Attica, Greece
Tel.: +30 22920 69312
Fax: +30 22920 69303
E-mail: info@NanoPhos.com

www.NanoPhos.com

Find Us:

