

# NITOSHIELD

High-quality coating that gives long-lasting gloss- and colour retention to extremely weathered surfaces

## Product description

Nitoshield is a 100% solvent-free coating based on high-quality silicones that provide long-term protection, gloss- and colour-retention to powdered and chalked coatings, weathered cladding and plastic.

Nitoshield is UV-resistant and vapor permeable, therefore preventing cracks, blistering and separation on the surface.

Mavro's Nitorange consists of a collection of high-quality, protective colour- and shine-retention coatings for non-absorbent surfaces.

Aware of the fact that every surface, situation and object differs, our laboratory has developed a wide range of renovation coatings. Permanent coatings, semi-permanent reversible coatings and colour coatings,, each with their own unique properties. Customization, quality, durability and colour deepening are all represented within the Nitorange!

## Use

Nitoshield has been specially developed for application on non-porous surfaces such as plastic, high-pressure laminate, windowsills, (powdered) aluminium and coated surfaces. In particular powdered window frames on office- and commercial-buildings and powdered facade cladding.

## Characteristics

- Restores and strengthens the original colour of the surface
- Gives a high gloss appearance
- The coating is easy to clean, vapour permeable, UV- and chemical-resistant
- Simple application with a microfiber applicator
- Very high efficiency

## Technical data

Odour:	Characteristically mild
Colour:	White emulsion
Specific weight:	1,0 kg/L
pH:	Not applicable
Flashpoint:	40°C

## Application conditions

Ambient temperature:	minimum 10°C
Substrate temperature:	minimum 10°C
Relative humidity:	max. 85%



## Instructions

1. The pre-treatment of the surface is particularly important for the application of Nitoshield. Thoroughly clean the surface with Uniclean Low Foaming and rinse with water.
2. Use Isopropanol to remove any last residues and to dry the surface.
3. Apply a small amount of Nitoshield on a microfiber cloth and apply a very thin layer on the surface. Remove excess material with a dry microfiber cloth to ensure a thin layer.

## Drying

At least 24 hours (greatly depends on the layer thickness and temperature)

## Packaging

5 L

## Consumption

50-70m<sup>2</sup>/L, this depends on the porosity and roughness of the surface.

## Practical information

- Do not dilute or mix with other products.
- Contact one of our technical advisors regarding questions about application of the product.
- Do not surpass the consumption (50-70m<sup>2</sup>/L)
- Protect the coating for at least 24 hours from water and rain.
- Nitoshield is not resistant against solvents and highly alkaline cleaners. Only use Uniclean Neutral for (window) cleaning and avoid window cleaners that contain strong solvents.
- Nitoshield can only be recoated with itself

## Storage

Can be kept for at least 12 months in original unopened packaging. Store in a cool, frost-free place, out of direct sunlight. The product may discolour yellow during prolonged storage. This does not affect the properties of the product.

## Health and safety

Avoid eye and skin contact. Wear suitable gloves and safety glasses. When in doubt, always consult the safety data sheet or our R&D department.





### Technical support

Mavro is ISO 9001 certified: your guarantee of quality, in terms of products and advice. Our technical consultants and R&D department are always at your service. We are happy to look at your problem or wish with you. Help you with our products or find a solution if it does not yet exist. Call, e-mail or drop by.

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