

# NITOGUARD® PLASTIC

Innovative nano-coating for protection of smooth plastic surfaces



## Product description

Nitoguard® Plastic is an innovative nan-coating based on silica dioxide (SiO<sub>2</sub>).

Nitoguard® Plastic forms a permanent protective layer without changing the appearance of the surface.

Nitoguard® Plastic protects the surface against paint, oil, water and staining. The protective layer ensures a decrease in dirt-adhesion making treated surfaces easy to clean.

Nitoguard® Plastic is very wear- and temperature-resistant (450°C).

The Nitoguard® products consists of a collection of high-quality coatings for several different surfaces. The use of high-quality raw materials based on fluorine or nanotechnology makes it possible to obtain long-lasting and extreme water-, grease- and dirt-repellent properties. Because every material is different, the Nitoguard® product line has a solution for every type of material.

## Use

Nitoguard® Plastic can be applied on all smooth and hard surfaces.

Nitoguard® Plastic is very suitable for application on plastics such as PVC, plexiglass, polycarbonate, ABS and AMMA.

## Characteristics

- Reduces penetration of markers, lime scale and other aggressive chemicals
- Invisible to the human eye
- Easy to clean
- Chemical-resistant between pH=1 and pH=13
- Easy to apply
- Environmentally friendly and UV-resistant
- Great preservative properties

## Technical data

Odour:	Alcohol
Colour:	Transparent
Specific weight:	1,0 kg/L
pH:	~ 6

## Application conditions

Nitoguard® Plastic can be applied in dry weather conditions in temperatures between 10°C and 30°C.

## Instructions

1. Ensure that the surface is completely clean, dry and dust-free.
2. Apply Nitoguard® Plastic on a clean lint-free microfiber cloth and apply the product with a polishing movement on to the surface.
3. Keep polishing until the product dries invisible.

## Drying

Dry and water resistant:	1 hour
Fully cured:	24 hours

## Packaging

500 mL and 1L

## Consumption

150-200 m<sup>2</sup>/L

## Practical information

- Do not apply in direct sunlight or hot surfaces

## Storage

Can be kept for at least 12 months in original unopened packaging. Store in a well-ventilated, dry, cool and frost-free place.

## Health and safety

Nitoguard® Plastic contains nano-particles. Avoid skin and eye contact, wear suitable gloves, long clothes and safety glasses. Avoid inhalation of the product, especially during spray application. Wear suitable respiratory protection. If 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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