

# NITOGUARD® GLASS

Innovative nano-coating for long-term water-repellent glass, glazed tiles and ceramics.

## Product description

Nitoguard® Glass is an innovative nano-coating based on silica dioxide (SiO<sub>2</sub>). Nitoguard® Glass forms a permanent protective layer without changing the appearance of the surface. Nitoguard® Glass makes the surface extremely water-repellent. The protective layer ensures a decrease in dirt-adhesion making treated surfaces easy to clean and lime scale is easily removed. Nitoguard® Glass 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 materials.

## Use

Nitoguard® Glass can be applied on glass and other hard and smooth surfaces such as glazed tiles and ceramics.

## Characteristics

- Reduces penetration of markers, lime scale and other aggressive chemicals
- 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:	4

## Application conditions

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

## Instructions

1. Ensure the surface is completely clean, dry and free from dust. Clean the surface beforehand on the basis of the contamination that are present on the glass:
2. Lime residues: Abrasive of 20% w/w Cerium (IV) oxide in water or Glassrenovator, followed by a second cleaning with Isopropanol.
3. Silicone and soap residues: Siliconeremover and UNICLEAN.
4. Industrial contaminants: Abrasive Cerium (IV) oxide, followed by a second cleaning with Isopropanol. Rinse thoroughly with water. Let the substrate dry completely.
5. Apply Nitoguard® Glass on a clean lint-free microfibre cloth and apply the product with a polishing movement on to the surface.

6. After 30 seconds polish the surface with a dry and clean lint-free microfibre cloth.
7. If it is desired to remove Nitoguard® Glass from the surface, this can be done with an abrasive of Cerium (IV) oxide.

## Drying

Dry and water resistant:	approx. 2 hours
Fully cured:	24 hours

## Packaging

1 and 5 L

## 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® Glass 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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Nitoguard® Wood