

# Glas/Keramik

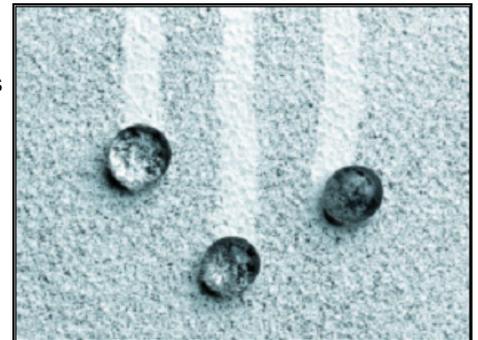
# NANO

Nanoprotect-Glas/Keramik is a single component, long lasting protective coating for glass, ceramic and mineral based surfaces. The coating is an extra-thin, almost invisible, ultra-violet resistant and non-yellowing protective surface. Surfaces which have been treated are far easier to clean (a wipe-over with a damp cloth is sufficient; there is no need for a cleaning product). The adhesion of any new dirt or soiling is drastically reduced by virtue of the oil and water resistant properties. Water is simply beaded-off, taking dust and dirt with it.

Nanoprotect-Glas/Keramik is suitable for all kinds of glass and ceramics (window panes, bath tubs, toilets, tiling, windscreens, winter-gardens etc.). This product may also be used as a sealing agent for marble or granite.

## Properties:

- Water, dust and dirt simply bead-off
- "Easy-to-clean" effect
- Soiling is washed off without the use of commercial cleaning products
- Anti-graffiti effect when used on marble or granite
- No clouding of the surface or reduction of reflective properties
- Ice/frost formation can be very easily scraped –off
- Insects can be easily removed
- Drastically reduced chalk deposits
- May be used indoors or outdoors
- Long-life effect
- Resistant to chemicals and solvents
- Highly efficient coating capacity, economical in amount of product required
- May be renewed at any time



## Technical Data:

Silane solution

## Application:

In every case we recommend that a prior experimental test surface be coated. Use undiluted. Do not use at a temperature under 5°C. Do not use in direct sunlight. When using indoors, be certain that there is adequate ventilation at the working place. The surface to be coated must be completely clean and free from fats/oils. The effectiveness and life-span of the finished coating is highly dependent on the preparation of the surface. We recommend to you the use of Nanoprotect-Glaspolierer to prepare the surface. After the surface to be treated has been cleaned it should be thoroughly rinsed-off using clear water and left to dry. Alternatively the surface can be cleaned with isopropanol. Do not use standard household glass cleaners.

Using a fuzz-free cloth, apply the product to the surface evenly and immediately polish-off to a smooth surface free of "striping". If the surface has "striping", due to the application of a too thick coating of the product, this may be polished-out by the use of a cloth soaked in alcohol. The protective effect of the product starts after only a few minutes and continues to increase further over the next few days. To increase the adhesion and the resistance against frictional forces, a subsequent thermal-treatment may be employed at a temperature of 220°C for 20 minutes. The container with the original product should be securely closed and sealed immediately after use. In the event of a reduction in efficiency, a new coating can be applied at any time. Details in the application vary depending upon the surface which is to be coated. We are happy to advise you fully in these cases.

## Cleaning:

Treated surfaces are easily cleaned, without the use of commercial cleaning products. The first step is to wipe off the dust/dirt/soiling using a damp cloth. Then wipe-over using a dry cloth. Clouding or "striping" of the surface now cannot occur. Should the surface be cleaned using a commercial product containing ten-sides, the resistant qualities will be temporarily reduced – this is easily brought back to the original level by rinsing thoroughly using plenty of clear water.

**Consumption:**

Depending entirely upon the surface to be treated, and the method used, about 100 m<sup>2</sup> can be treated with one litre of this product.

**Product Definition / Transport Definition (german regulations):**

F = Leichtentzündlich

Xi = Reizend

UN1993

**Availability:**

100 ml bottle, 1,0 litre bottle, 5,0 litre canister. Other packing forms/sizes are possible after prior consultation with us and according to the transport possibilities/regulations.

**Storage:**

At least 12 months in a dry place, in the original packing. Protect from frost.

**Disposal (german regulations):**

Empty containers as well as any remaining product must be disposed of according to the local laws and regulations or it must be taken to the community collection point for such materials.

## Glaspolierer

Ready-to-use fluid glass polisher for the removal of any stubborn dirt on all glass panes, mirrors, polished stone, tiles etc. Nanoprotect-Glaspolierer removes any light scratches, silicone smears, glass corrosion and any glass contaminates. Through the preparation, using Nanoprotect glass polisher, the lifetime and durability of Nanoprotect-Glas/Keramik is drastically increased.

**Application:**

Not to dilute. Shake well before use. To apply, use a damp cloth or sponge. Clean strongly with circling movements. After the cleaning process, rinse off using plenty of water.

**Product Definition / Transport Definition (german regulations):**

This product is not classified as "dangerous goods" according to the German regulations RID, ADR, ADNR, IMDG, IATA-DGR.

**Availability:**

0,5 kg bottle, 5,0 kg canister, 10,0 kg canister. Other packing forms/sizes are possible after prior consultation with us and according to the transport possibilities/regulations.

**Storage:**

At least 12 months in a dry place, in the original packing. Protect from frost.

**Disposal (german regulations):**

Empty packing may be disposed of in the domestic waste. Remaining product must be disposed of according to the local laws and regulations or it must be taken to the community collection point for such materials.

**Safety/Protection Measures:**

When using this product please take note of the instructions on the bottle/canister. We wish to make it clear that the use of chemical preparations should only take place when the safety measures are observed and are always out of the reach of children. The technical information given here is according to the latest technical knowledge and composed from our own experience. In view of the many uses possible with this product it is therefore the responsibility of the user to act according to the given situation in respect of safety - that is to say the user acts upon their own responsibility in any given situation when using this product. That the use of this product takes place out of our jurisdiction, we have set out safety and protection measures, but we cannot be held responsible in any circumstances. For any misuse of the product we cannot be held responsible. In the event of a new version of this information becoming available – this information here set out is no longer valid.

Date: 08.07.2008