

## Product Data Sheet

# NewPro-Nano Car-Glass - The invisible windshield wiper

### Product Description

NewPro-Nano Car-Glass is the new ultimate „free-visibility-nano-impregnation“ for all glass automotive windows. Water and dirt particles simply roll off. Mosquitoes and flies have only mild adhesion and are easy to remove.

### Range of Application and Use

NewPro-Nano Car-Glass are designed for application on all kinds of automotive glass windows.

Busses, cars, trucks, travel vehicles:

- Front, Side and rear windows, glass, sunroofs, and exterior mirrors.



### NewPro-Nano Car-Glass in the Media



### Product Characteristics

The nano-particles in NewPro-Nano Car-Glass contains nano-particles with components which intelligently organize themselves and securely bond with the glass surface and form a long lasting protective coating, which allows water to just roll off and protective particles prevent adhesion to the surface.

Further characteristics include:

- Blending effect from oncoming traffic in the rain is greatly reduced
- Contains no silicon, oil, or wax – no more lubricating film
- Directly applicable
- Driving in the rain without window washers is already possible from 80 km/hr
- Easy-to-clean – with microfiber towels, without the need for cleaning solutions
- Grease, oil, dirt and water repellent
- Improved visibility in the rain
- Long lasting protection for up to 20,000 km or 6-8 months
- No sticking of mosquitoes or insects on the windows.

## Product Characteristics

Further characteristics include:

- Reduces the formation of ice as well as annoying scratches from frost
- Roll-off effect
- Simplified cleaning
- TÜV-certified: recommended due to an improvement in view and cleaning.

## Technical Data

Basis of the Material:

- Cleaner: Cleaning milk with abrasive components, citris acid
- Sealant: Anti-adhesive components solution based.

Viscosity:

- Cleaner: approximately 300 mPas
- Sealant: approximately 2.7l mPas.

## Instructions Regarding Use/Application

Surface preparation/pre-cleaning:

All automotive glass windows should be grease, oil and dust particle free, dry and sustainable.

1. Large and rough dirt or soiling and lose particles, as usual, should be thoroughly removed.

In the event of extreme soiling or dirt, repeat this step again.

2. NewPro-Nano Car-Glass Cleaner should be thoroughly applied with a household towel in circular motion with light pressure over the entire glass window. Grease and remains from cleaning should be rubbed off with a clean towel. Rinse off with sufficient water and dry with a lint-free towel. The pre-cleaned window is clean as soon as there are no visible grease or oil streaks.

Surface Coating/Application:

The glass pane/window which is to be coated, must be completely cleaned and grease free prior to the application.

1. Apply NewPro-Nano Car-Glas Sealant in small sections with a circular motion and a lint free polishing towel or a standard polishing machine with a ratio of 5 ml/0.5 m<sup>2</sup>. Then, polish out the gray residue with a towel until the glass is completely clear again.
2. Leave NewPro-Nano Car-Glas Sealant standing for at least 1 hour and do not use the window wipers for the first 24 hours after polishing out the residue.

For the application of NewPro-Nano Car-Glas to large surfaces, it is possible to spray NewPro-Nano Car-Glas with a standard spray bottle. If so applied, be sure to wear the proper breathing and eye protective gear.

Caution:

NewPro-Nano Car-Glass is not to be applied to acid sensitive materials and other kinds of natural stone. Scratches can be left on sensitive surfaces, such as acrylic, and varnish. For this reason, we recommend that a test to the surface be carried out, prior to full application, on an inconspicuous place of the object. After cleaning and surface preparation, the surface should be immediately coated and no longer touched by hands.

## Instructions Regarding Use/Application

### Improvement and New Surface Coatings:

By the abatement of the protective characteristics and the roll-off effect, the above-described steps should be repeated in applying a new coating.

### Cleaning of the coated surface:

Windows coated with NewPro-Nano Car-Glass are only to be cleaned with mild and nonabrasive cleaning solutions. Extreme ph-values from  $<2 - > 20$  can ruin the quality of the coating. Dirt, soiling and dry residues can be removed with a moist towel without cleaning solutions.

### Caution:

NewPro-Nano Car-Glass is not to be applied together with chloric cleaning solutions. There is the possibility of the formation of poisonous vapors.

### Mixing Instructions:

NewPro-Nano Car-Glass Cleaner and Sealant can be directly applied and is not mixable with water or other substances. A mixture with foreign substances can have a negative effect on the characteristics of the product as well as the durability or lifespan of the product and the coated surface.

### Use:

- Cleaner: approximately 10 - 50 ml/m<sup>2</sup>
- Sealant: approximately 10 - 20 ml/m<sup>2</sup>.

NewPro-Nano Car-Glas Set is sufficient for the windscreens of up to 6 passenger cars.

## Required Conditions for Use/Application

The application and drying requires a surface and area temperature between min. +10°C and max. +50°C. NewPro-Nano Car-Glas may not be applied at temperatures under +5°C as well as under direct sunlight at temperatures over +25°C.

During application and drying times, protect the coated window surface from heat rain, and direct sunlight.

### Drying Times:

- Cleaner: immediately after application, and if necessary rub the surface with a lint free towel
- Sealant: min. 15 minutes after polishing at room temperature.

Depending upon the temperature and the relative humidity.

### Cleaning of tools:

- Cleaner: In freshly used condition, clean with lots of clear water
- Sealant: In freshly used condition, clean with alcohol (Isopropanol 99%).

## Delivery Form

### Units Per Package (Set):

- 100 ml Cleaning emulsion (cleaner)
- 100 ml Nanofluid (sealant).

Further packages are available upon request

## Delivery Form

Color:

- Cleaner: Clear, in a dry condition colorless
- Nanofluid: white or beige, in a dry condition colorless.

## Special Instructions

Transport:

- Unlabeled and non-hazardous.

Storage:

Cleaner and Sealant

- At room temperature minimum of 6 months when stored in tightly closed original packaging
- Protect against moisture, frost and heat.

## Work Hygiene

Before breaks and at the end working with the product, wash hands thoroughly. Do not eat, drink or smoke during use. Avoid eye and skin contact with the product. If necessary, wear protective clothing.

For further safety and protective measures please see the product safety sheets of the product.

## Safety Precautions

Keep away from children. Keep containers sealed tightly closed. In the event of eye contact, immediately flush eyes out with water. In the event of skin contact, wash skin thoroughly with water and soap. If necessary, seek medical advice. Do not smoke during application and use. If swallowed seek immediate medical advice and show the packaging or product label to the treating physician.

NewPro-Nano Car-Glass is not to be applied together with chloric cleaning solutions. There is the possibility of the formation of poisonous vapors.

For sensitive surfaces, such as acrylic or varnishes, scratches can be result. NewPro-Nano Car-Glass is not to be applied to acid sensitive materials and other kinds of natural stone.

For further safety and protective measures please see the product safety sheets of the product.

## Safety and Protective Measures

The general safety precautions for water solvent materials are to be considered.

Keep away from children. Keep containers sealed tightly closed. In the event of eye contact, immediately flush eyes out with water. In the event of skin contact, wash skin thoroughly with water and soap and seek medical advice. Do not smoke during application and use. If swallowed seek immediate medical advice and show the packaging or product label to the treating physician.

The technical advice regarding the use and application of our products is the result of extensive research and development as well as many years of experience, according to the best of our knowledge. The different kinds of requirements of an object, under varying conditions, make it necessary for the user to check the suitability for the intended purpose. We reserve the right to effectuate changes, which serve to affect the technical advance or improvement of our product.

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**GRAFFITI**  
MAGIC



### **Safety and Protective Measures**

For further safety and protective measures please see the product safety sheets of the product.

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