

PPFGuard



Product Information

Nasiol PPFGuard gives hydrophobic, UV resistant and easy to-clean properties to film-coated surface without spoiling the physical properties of glossy, matte, and satin surfaces. Please follow the instructions on user manual and watch the application video on official website before using the product.

Application Surfaces

Nasiol PPFGuard is applicable to paint protection films (PPF) including matt & transparent polyurethane (PU), high quality PVC films, vinyls. Do not apply product on finishes including low quality PPF, PPF w/ bubbles, absorbent surfaces, temporary road films, interior window tints, any film without resistance to solvents.

Instructions

- Surfaces should be dry and free of any dust, wax, oil, grease and other contamination.
- Prepare the surface by using Nasiol Clean to improve the bonding performance of the nano coating.
- Place a suede cloth onto the applicator block's sponge surface.
- Open the lid and pour the necessary amount of product onto the suede cloth.
- Spread the product gently over the surface in a crisscross motion.
- Once beading occurs (it takes 30-60 seconds in normal conditions), gently wipe the excess product off from the surface using the Nasiol microfiber cloth in linear motions.
- Following the application of the first layer, wait for 60 minutes, then repeat the steps for the second layer.
- For the first 48 hours, do not wash the surface with shampoo or detergents. The vehicle can be taken outdoors 24 hours after the application.

Application Tips

For best results, ensure that the environment where the application will take place is as close as possible to the recommended levels of temperature and humidity (23°C and 50% relative humidity). Apply in

a shaded area. Only apply to surfaces that are not too cold or warm. Wash your vehicle thoroughly and gently. If necessary, should the PPF surface is suitable, polishing treatments can be applied using silicone-free products. Dry the vehicle thoroughly to prevent water drops on the surface during application. Eliminate any dust and dirt on the surface before application using Nasiol Clean. Ensure that the surface has thoroughly dried. Partition the application area visually or with masking tape. Do not work on a partition larger than 1 m² at a time. Overlapping edges of partitions do not cause issues during application. Shake the product gently before use.

Carefully remove the cap. Place the small suede cloth on the block applicator, and apply the necessary amount of product (depending on the size of the application area) onto the cloth. Recap the bottle in order to prevent air contact. Using the suede cloth, spread the product throughout the surface in horizontal and vertical movements. Using the enclosed microfiber cloth, carefully wipe any excess product off the surface within 30 – 60 seconds. Avoid causing swirls during this step. You can use a lighting system to ensure there is no product residue left on the surface. Following the application of the first layer, wait for 60 minutes, then repeat the steps for the second layer. Throughout the curing time, keep the coated surface away from direct sunlight, excessive dust, water, and other contaminants. For the first 48 hours, do not wash the surface with shampoo or detergents. The vehicle can be taken outdoors 24 hours after the application.



Technical Data Sheet

PPFGuard

Benefits & Key Features

- High Hydrophobicity
- High Chemical Resistance
- Soft Touch with Suede Cloth
- Easy Clean
- Ergonomic Applicator Block

Specifications

Packaging	50 mL
Appearance	Colorless liquid
Durability	Up to 1.5 years
Chemical Resistance	12>pH>1
Salt Water Resistance	Yes
Moisture Resistance	Yes
Consumption per Unit Area	2-3 mL/m ²
Density @23°C	0.802 g/cm ³
pH Value	7.2-7.7
Dry to Touch Time	6h
Application Temperature	5°C-30°C (≤50%RH)
Water Contact Angle	102° @10 µL
Water Contact Angle After “3000 Wet Scrub (ISO-11998:2006)	95° @10 µL
Water Sliding Angle	12-18° @20 µL
Oil Contact Angle	83° @10 µL

Consumption for 2-Layers

Small Vehicles (A-B Class)	20-30 mL
Medium Vehicles (C-D Class)	30-40 mL
Large Vehicles (E Class & SUV)	40-50 mL

Recommended Cloth Specifications

Model	Nasiol Microfiber Clothes
Blend	70-80% Polyamide & 20-30% Polyester
Weight	250-350 gsm

Storage

To achieve a high product effectiveness, keep the unopened packaging in a dry, well ventilated space away from heat and ignition sources, stored at -3 °C to + 30 °C / 26.60 °F to 86 °F. The shelf life of the product is 24 months from the date of production when stored in the unopened packaging under suggested storage conditions. After opening the container, it is recommended to use the product within 1 month. After every use, it is recommended to close the lid in order to avoid product loss by evaporation.

Disclaimer

The technical information described in this document is based on tests and other practical experience that Nasiol believes are reliable. Nasiol cannot guarantee anything but ready to use quality of the product at the time of shipment, disclaims any liability for product performance and incidental or consequential damages, according to self-implementation within the user’s knowledge, beyond the manufacturer’s control. Please refer to the Safety Data Sheet (SDS) before use of product.

Users should consult Nasiol for guidance on the suitability of specific applications. Nasiol reserves the right to change the given data without further notice.