

Leo Nano Paint Ceramic Protector

Product Information

Leo Nano Paint Ceramic Protector is the ultimate nano ceramic vehicle protection product that brings a hydrophobic effect in a single layer of coating to applied surfaces listed below:

➤ *Thermosets & Thermoplastics*

○ *Lacquered Painted Body Parts* ○ *Black Plastic Trims* ○ *Engine Covers* ○ *Headlights & Taillights* ➤ *Painted Surfaces of Transportation / Industrial Vehicles* ➤ *Rims (Alloy & Steel)*

Do not apply product on surfaces including:

➤ *Non-Lacquered Plastic Components* ➤ *Plastic-Dips* ➤ *Freshly Painted Components (Up to 3 Months)* ➤ *Low Quality Paint Jobs* ➤ *Glass Surfaces & Window Seals* ➤ *Tires* ➤ *Chromium Plates* ➤ *Textiles/Fabrics*

Instructions ✓ Surfaces should be prepared accordingly.

✓ Surfaces should be dry and free of any dust, wax, oil, grease and other contamination.

✓ Application should be made in a shaded area.

✓ Product is spread with an applicator pad.

✓ The surface should be buffed immediately with the microfiber clothes in the given order, subsequent to beading.

✓ Curing time is 48h at 23°C - 50% RH.

Durability

Normal Conditions (-20°C to +35°C / pH<12) *3 years / 150 washes* Heavy Conditions (-40°C to +40°C / pH>12) *1 year / 50 washes*

Benefits & Key Features

✓ Water repellency.

✓ High gloss.

✓ Chemical resistance.

✓ UV protection.

✓ Easy to clean.

✓ Scratch resistance.

Application Tips

- Ensure that the temperature and relative humidity (RH) of the application space are as close as possible to the given values to achieve the highest product performance.
- Only work on cool surfaces.
- Wash your vehicle thoroughly. If required, apply a clay bar and polish using appropriate tools and silica/wax free cutting compounds.
- Eliminate the risk of water dripping onto the application surface. If water drips onto partially cured coating, repolish the affected area prior to refurbishing.
 - Dry with a clean lint- free microfiber cloth prior to use of the product.

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T echnical D ata S

- Outline the application area either by using a masking tape or visually. Coincidence of coated layers does not constitute a problem during the application. Do not work on an area larger than 1 m² at a time.
- Shake the product gently before use. Drop a few droplets of the product onto the applicator pad with respect to the area and close the lid to prevent air- product interaction, which may cause deterioration. Spread out the product gently over the surface with a criss-cross motion. Do not use an applicator pad on more than two panels.
- Once beading occurs, wipe the excessive amount of the product off the surface gently with the short-feathered dry, lint-free microfiber cloth. Then with using the dry, long-feathered lint-free microfiber cloth, buff the surface in circular motion.
- Keep the coated surface away from direct sunlight, dust, water and contamination during the curing period.

Specifications

Packaging 50 mL Appearance Colorless Liquid Chemical Resistance 12>pH>1 Salt Water Resistance Yes Moisture Resistance Yes Pencil Hardness (ISO-15184:2012) 9H Dry Film Thickness 700-800 nm Consumption per Unit Area 4-5 mL/m² Density @23°C 0.86 g/cm³ pH Value 5-5.5 Dry to Touch Time 4h Application Temperature 5°C-30°C

(≤50% RH) Temperature Durability 150°C Water Contact Angle 105° @10 µL Water

Contact Angle After “3000” Wet Scrub (ISO-11998:2006)

100° @10 µL

Water Sliding Angle 10° @20 µL Oil Contact Angle 84° @10 µL Gloss Rate @60° (ISO-2813:2014)

95 (Acrylic)

REACH Compliance Yes

Consumption

Small Vehicles (A-B Class) 30-35 mL Medium Vehicles (C-D Class) 35-40 mL Large Vehicles (E Class & SUV) 40-50 mL

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Removal

Once the product is cured, it is very difficult to remove the coating from the surface. In such a case, product removal can only be achieved by using a heavy cutting compound or wet sanding with a P2000 grit sandpaper. To avoid any harmful consequences generated due to the surface correction process, read the user’s manual carefully

Storage

To achieve a high quality of coating, keep the containers tightly closed in a dry, well ventilated space away from heat and ignition sources, stored at -3°C to +30°C. The shelf life of product is 12 months from the date of production when stored in the unopened container under suggested storage conditions. After opening the container, it is recommended to use up the product within 1 week.

Disclaimer

The technical information described in this document is based on tests and other practical experience that Befar Otomotiv believes are reliable. Befar Otomotiv 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 Befar Otomotiv for guidance on the suitability of specific applications. Befar Otomotiv reserves the right to change the given data without further notice.