

SiNH BASE COAT**Description:****Ultra Hard Ceramic Coat**

The hardest ceramic coat we have ever obtained with Si-N-H technology and highly inorganic resin, to create a highly dense, long-lasting water-repellent barrier. It is a professional product for those looking for a nanotechnological solution lasting* approximately 56 to 72 months (90,000 km or up to 72 washes). In addition, its resistance over time and water-repellent effect can be respectively extended and increased with SiNH Top Coat up to 9-11 years.

With a view to monitoring gloss changes in the coating and its water repellence when it is subjected to an alkali and quartz powder pre-wash, in manual and automatic washing cycles (ISO 20566:2013), a number of certified durability tests were performed in external laboratories. The results obtained from the surfaces treated with our coatings were impressive.

Directions for use:

It is recommended to:

- Preferably apply the product in a temperature controlled environment (from +5 °C to 25 °C), which is free from contamination, with controlled humidity and properly lit;
- Frequently replace Micron Suede.
- Use the Micron 2F this way: the low pile part to remove 80-90% of the product and the long pile part to finish it off.
- Change the Micron 2F often - every 2 panels on average.
- Do not treat the surface with dirty or worn cloths.
- Optional Step: For the utmost efficiency, use IR Lamps at 50-60°C for 30 minutes. Then apply SiNH Top Coat and use IR lamps again at 50°-60°C for 30 minutes.
- For the best performance, use Innovacar maintenance products only.

Step 1 - Preparing the car (this step must be carried out if not previously done):

1. Prewash with SP1 Prewash or similar products.
2. Wash with S2 Foamy to clean the surface.
3. Chemically decontaminate the surface from tar using D3 Tar; from ferrous residues using D1 Iron and from limescale using DS Scale.
4. Then mechanically decontaminate the surface with Clay Bar (or Clay Mitt)), using DL Lube.
5. If necessary, polish the car to remove any defects and achieve a perfectly smooth surface.
6. Remove any traces of residual oil and compound with D2 Check.
7. Visually check the car to make sure it is perfectly decontaminated, clean and, therefore, ready for applying the ceramic coating.

Step 2 - Applying the ceramic coating:

1. Shake SiNH Base Coat.
2. Apply a few drops of SiNH Base Coat to the Micron Suede, wrapped around the Foam App Block;
3. Apply the product using the Criss-Cross method (at least 3 times), treating one panel at a time (approximately 50x50 cm).
4. Allow to polymerise for at least 30 seconds (at high ambient temperatures) and up to a maximum of 2 minutes (at low ambient temperatures), before removing any excess product, if necessary by smoothing with a Micron Buffing Wipe.

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5. If excess product is not properly removed from the surface within 10 minutes, the product can be reapplied, making sure to even it out.

Step 3 - Crosslinking the protective barrier:

1. After 20-30 minutes, you can either apply SiNH Top Coat to increase water repellence and duration (following the instructions provided with the product), or directly apply SCO Hydro Sealant, again as a last step, after 4 hours. This is the final protective layer that is intended to preserve the surface during the complete curing period.
2. Wait 3-4 hours before leaving the vehicle outside and 7 days before leaving it out in the snow/rain or washing it again, as recommended in the Innovacar maintenance programme.

Precautions: Use within 6 months of opening, making sure to carefully close the bottle after use and to store the product in a dry place, away from light and heat, at a 5 to 25°C temperature. Always refer to the MSDS and the precautions and instructions provided on the label. To achieve maximum performance and durability, make sure you always follow the steps of the Innovacar Cyclical System;

*The washing cycles indicated are the result of tests conducted by two independent external laboratories. The first test was performed to check whether the contact angle had changed compared to the initial condition, with washing cycles using SP1 Prewash; the second test was conducted to check whether the coating persisted after automatic washing cycles, with the use of a chemical product and quartz powder in compliance with ISO 20566:2013.

Warnings:

Do not allow contact with water.

Technical Features:

Appearance and color: colourless liquid

Odor: characteristic

pH: Not applicable

Flash point: 40°C

Relative density: 0.87 g/cm³ ± 0,005

Solubility in water: insoluble

Solubility in oil: insoluble

Special finishes; VOC limit values: 840 g/l. VOC content: 419 g/l.

Contains among other ingredients: -

Storage:

Unopened and stored at room temperature away from direct sunlight.

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Packaging:

PACKAGING
BOTTLE 30 mL

BOX
-

ITEM CODE
700407 (Professional)

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Resp. Laboratorio

Documento firmato in originale presso la sede. I dati contenuti sono frutto di ricerche tecnologiche del nostro laboratorio e vengono forniti a puro titolo informativo. Escludiamo ogni responsabilità derivante da una scelta errata del prodotto e della mancanza delle necessarie precauzioni, che dovranno essere sempre verificate dall'utilizzatore.

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