

TECHNICAL INFORMATION

FOR PROFESSIONAL USE ONLY

NANO CERAMIC COATING MATT

CERAMIC COATING FOR MATT FINISHES



PRODUCTS

Nano Ceramic Coating Matt 50 ml – Ceramic coating for matt finishes – set including applicator and gloves.

Art. No.

300011063 (50 ml)

PRODUCT DESCRIPTION

Ceramic coating specially designed for the protection of matt and satin finishes. Preserves the natural matt appearance of the surface while enhancing color depth without adding gloss. It provides durable protection for up to 2 years and creates an exceptionally slick, hydrophobic layer that effectively repels water, making the surface easier to maintain and clean. The product is resistant to UV radiation, high temperatures, chemicals, dirt, and minor wash marks. Safe for use on paintwork, PPF films, vinyl wraps, and carbon fiber elements. Thanks to its easy one-layer application, matte surfaces remain elegant, protected, and visually flawless.

PROPERTIES

- Enhances color and depth without adding gloss or altering the original matt appearance of the surface.
- Provides protection for up to 2 years.
- Suitable for all matt and satin surfaces, including paintwork, PPF films, vinyl wraps, and carbon fiber.
- Easy one-layer application.
- Provides high resistance to UV radiation, high temperatures, and chemicals ($3 < \text{pH} < 12$), protecting against stains, dirt, contamination, and minor wash marks.
- Helps reduce micro-scratches (hardness: 8H).
- Creates an exceptionally slick hydrophobic surface supporting self-cleaning properties and easy maintenance.
- Non-yellowing formula.

VOLATILE ORGANIC COMPOUNDS

VOC = 568,4 [g/l]

The product meets the EU directive (2004/42/EC/II B) that sets the VOC value for its category (e), at 840 g/l.

USE

1. Ensure the surface is clean, dry, and free from grease and wax.
2. Thoroughly saturate the applicator with the product before use.
3. During application, keep the applicator wet by adding 5–6 additional drops when necessary.
4. Apply a thick and even layer onto a small section of the surface using a cross-hatch pattern.
5. Ensure the entire surface is evenly covered.
6. Allow the coating to cure for approximately 5 minutes.
7. Wipe the surface with a microfiber cloth until a uniform finish is achieved.

NOTE!

- Do not apply the product to hot surfaces or in direct sunlight.
- Recommended application temperature: from +10°C to +25°C.
- Do not use the product at temperatures above +30°C.
- After application, thoroughly buff the surface with a microfiber cloth.
- Ensure that no unbuffered spots remain on the surface.
- After application, keep the vehicle at a temperature above +10°C and avoid contact with water for at least 24 hours.
- Do not wash the vehicle for at least 7 days.

APPLICATION PARAMETERS

- Buffing time: up to 5 minutes (depending on temperature and relative humidity)
- Full chemical resistance / full cure: 7 days

TECHNICAL PARAMETERS

- Coating hardness: 8H
- Durability: up to 2 years
- Chemical resistance: pH 3–12
- Continuous heat resistance: +150°C
- Short-term heat resistance: up to 450°C
- UV resistance: high
- Road salt resistance: high
- Bird droppings resistance: high
- Water spot resistance: high

MAINTENANCE GUIDELINES

- Wash only with pH-neutral products
- Avoid automatic car washes
- Avoid contact with chemicals and moisture during the first 7 days
- Hand washing is recommended
- Do not use gloss enhancers or waxes
- Use only maintenance products intended for matte surfaces
- Perform thorough surface cleaning and removal of bonded contaminants every 6–12 months.

PRODUCT EFFICIENCY

Coverage (50 ml): up to 2 vehicles, depending on the surface area.

GENERAL NOTES

Caution:

To maintain safety, always follow the instructions given in the MSDS for the product.

STORAGE

Store the product between 15 and 25 °C, in a sealed container, in dry and cool places, away from fire and heat sources, as well as direct sunlight.

Caution: close the containers immediately after application.

WARRANTY PERIOD

Troton Nano Ceramic Coating Matt 50 ml

– 18 months from the date of production

LIMITATION OF LIABILITY

The information contained in the TDS is up-to-date and correct on the day the information is released.

Because TROTON can not control or predict the conditions under which a product will be used, each user should review information in the specific context of the intended usage. To the maximum extent permitted by applicable law, TROTON shall not be liable for damages of any kind arising from the use or reliance on information contained in this TDS.

Given the variety of factors that can affect the usage and application of the TROTON product, some of which are only within the user's knowledge and control range, it is essential that the user evaluate the TROTON product to determine if the product is fit for a particular purpose and whether the product is suitable for the user's usage.

Under no circumstances shall TROTON be liable to the user or any third party for any indirect, derivative, incidental, special or punitive damages, including loss of profits resulting from the use of products manufactured by TROTON and / or TROTON's services.

All information are based upon the precise laboratory studies and many years of experience. The good market position does not release us from the constant supervision of our products quality. However, we are not responsible for the final effects of the improper storage or application of our products, as well as for work inconsistent with the good craft practice.

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