

NT METAL Product number # NTM-32

PRODUCT

NT METAL is a clear, ready-to-use coating. High anti-scratch resistance and extreme corrosion protection, is particularly suitable for non-absorbent surfaces, such as one or two-component paints (polyurethane or epoxy systems), polyester paints, but furthermore for metal surfaces.

Based on a polysiloxane technology, the product forms a permanent barrier layer that bonds chemically with the substrate and cures at room temperature with atmospheric humidity.

The surface protected can be cleaned repeatedly without reapplying the product. **Non-yellowing properties.**
Exceptional long-lasting protection without modifying the original appearance of the structures or surfaces.

CONDITION OF SUBSTRATE

The substrate to be coated must be clean from oil and water, grease-free and **absolutely dry**.

On areas that are difficult to reach, such as cavities or drainage channels, etc. must be dried additionally with absorbent cloths or blown dry with compressed air.

On contact with a damp substrate surface reacts prematurely and cannot form a permanent seal.

Before using, make a test on a small area to make sure the material will not be affected.

PRODUCT APPLICATION TOOLS

NT METAL is supplied ready to use. Depending on the substrate, it can be applied with a microfiber cloth, foam pad and paint rollers (microfiber-flocking).

The product is also suitable for spray application. Use mask and nitrile gloves.

APPLICATION

Deep Cleaning is highly recommended.

- 1- Wash the surface with a high-pressure Machine with clear water.
- 2- Apply foam cleaner or snow foam.
- 3- Wash the surface with a high-pressure machine (wide sprinkler) with clear water, rinsing procedure.
- 4- Cleaning procedure manually, using neutral cleaner free of waxes or silicones.
- 5- Proceed with a high-pressure machine (wide sprinkler) with clear water to remove previous cleaners residues.
- 6- Chemical decontamination (recommended)
- 7- Remove residues with Alcohol 25% / Water 75% (optional). Make sure the surface is grease-free, dust. The surface has to be dry.

Avoid direct sunlight! Apply the coating in dry conditions and never in rain. **Professional application or high skills only.**

- 1- Protect areas that may be sensitive to solvents.
- 2 - Use a foam pad applicator / or lint-free cloth. Also suitable for spray gun application.
- 3 - Apply in controlled areas to ensure full coverage. One direction only, **non-circular application.**
- 4- Work on 2 x 2 areas horizontal and vertical movements.
- 5- The material has to be completely rubbed on until no blemishes will appear.
- 6- Excessive products can be removed with a clean dry microfiber.
- 7- Residues has to be gently removed within 20-30 min.

All areas must be covered. Apply in controlled areas to ensure full coverage.

Do not reuse the dirty/used microfibers cloth or foam pad applicators.

Use masks and nitrile gloves during application. Any mistakes can be rectified within approx. 10 min of application. Additionally, the scratch resistance in comparison to normal clear coatings will be considerably improved. 50%-70%

After this, the repellent effect of **NT METAL** makes it impossible to apply another coating. Leave the solution dry. The surface does not need to be wiped or rubbed.

Very important product Information & use:

- 1- During application, only small quantities should be decanted from the original container into the application container. Prevent the entrance of moisture on the original container.
- 2- Residues of unused quantities should not be returned from the application container to the original container. Traces of water in the applicator should also be avoided.
- 3- Applicators dampened with water should not be used. If dirt appears on the applicators during coating, they should be replaced with clean applicators to avoid dirt entering the coating.

CURING

If the solution in the application container solidifies or deposit forms, it can no longer be used. Solutions that are no longer useable must be disposed of properly. (Follow Local regulations)

NT METAL is dry-to-touch after about **8 hours** at room temperature.

On metal surfaces such as aluminum, steel, and stainless steel, curing at >176° F. is recommended to achieve optimum adhesion to the substrate.

The coating is fully effective after **2-5 days** curing at room temperature.

The effect of the product will last at least **48 month**

The used microfiber cloth have to be washed with hot water, no bleach or fabric softener. Do not iron.

Our products are specifically designed to substantially reduce the time and effectiveness of cleaning and maintenance processes, with the consequent economic savings for companies and individuals in products and working time.

SAFETY INSTRUCTIONS

In case of inhalation: Move injured person into the fresh air, keep warm and allow to rest.

In case of skin contact: Change contaminated clothing after contact with skin, wash immediately with soap and plenty of water.

In case of eye contact: Rinse immediately with plenty of water for at least 10-15 minutes.

In case of ingestion: Rinse mouth immediately.

After swallowing: Instantly call the doctor / poison center. Do not induce vomiting.

General information: Consult a physician if problems persist. In case of indisposition seek medical advice.

Keep out of reach of children.

MSDS available at info@nanotrixx.com

Our Application Department is available to answer technical questions on performance, use and chemical specifications. We provide information and advice on application technologies and relevant regulations based upon our current knowledge and opinion. WE MAKE NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE, WITH RESPECT TO SUCH INFORMATION OR ITS APPLICATION. Customers must independently determine the suitability of our products for the customer's intended product, use or process. Customer is responsible for observing all laws and regulations relevant to such products, uses or processes.

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