



ANTI-LIME (CLEANER)

PRODUCT DESCRIPTION:

Nanoprotection Limescale Remover is an effective and innovative cleaner designed to remove tough limescale, scale, rust, and soap residue from sanitary surfaces. It works without causing any surface damage and requires no mechanical scrubbing. Simply rinse with water after application. The product is in gel form, making it suitable for vertical surfaces without dripping. It is safe to use on ceramic, glass, enamel, chrome, concrete, stone, and plastic surfaces. Nanoprotection Limescale Remover is environmentally friendly, containing no aggressive agents, such as hydrochloric acid, sulfamic acid, or solvents. It has a pleasant lemon scent and is clear in color.

USAGE: Apply the product at temperatures between +5°C and +30°C.

Ensure the surface is free of visible dirt. Apply Nanoprotection Limescale Remover using a sponge on limescale-affected areas.

Leave it on for a minimum of 15 minutes, or up to 2-4 hours for stubborn stains. Rinse thoroughly with water or a clean wet sponge.

For lacquered or plasticized surfaces, perform a test on a small, hidden area before full application. In some cases, multiple one-hour applications may be more effective than a single prolonged treatment. **Please note** that on certain shower walls, especially those subjected to temperature variations, some limescale deposits may be difficult to remove entirely.

USAGE QUANTITY: The amount used depends on the level of soiling, typically ranging from approximately 30-100ml per square meter.

STORAGE: Store in its original packaging for up to 1 year after opening, in a location between +5°C and +25°C, away from direct sunlight. Ensure tightly closed containers.



Glass, Ceramic & Mirror Decontaminant/Cleaner

Presentation, datasheet and operating instructions

Product Description: NanoProtection Glass & Ceramic Cleaner is a highly effective cleanser with abrasive agents. The product is used for the final preparation of the surfaces that will be treated later with Nano processing products. Measured and adapted for each surface (except marble) in order to achieve the best possible adhesion and durability of the treatment, Glass & Ceramic Cleaner Allows optimum preparation of surfaces prior to application of most treatments (except plastic).

Agents: Rare earth metal oxides in water.

Smell: Without.

Color: Yellow/brown.

Ph: 6-8.

Use:

Application Conditions: Apply the product at temperatures between + 5 °c and + 30 °c.

Do not treat in direct sunlight. Treat in small areas if temperatures are at 30 °c. Do not treat in Below 0 °c.

The product must be applied under conditions of air humidity and temperature Normal.

Surface Preparation: The surface must be free of all coarse and visible pollution, such as Impurities, traces of limestone and dirt.

Tips for use: Shake well before use. Apply Glass & Ceramic Cleaner On a

Sponge and then clean the surface with circular movements. Let the product dry 1-2 minutes (appearance of a white veil), then using a lint-free cloth, polish the surface to eliminate all residual of dry product. Once the surface has been cleaned, do not touch it with your fingers or make it come in contact with Water if a nano treatment is going to be applied.

Do not apply with chlorinated products, this can produce harmful fumes. Do not use on Acid-sensitive surfaces such as marble or other stones, or plastic or acrylic surfaces, this can cause scratches.

Amount of Use: Approx. 10-20ml/m²

Drying Time: With temperatures of 30 °c, the product dries rapidly (approx. 30 sec.).

Conservation: Storage for one year in its original packaging without opening. Store in a Place between + 5 °c and + 25 °c. Store away from solar radiation. Close the opened containers well.

Hazardous Products Regulations: Glass & Ceramic Cleaner is not subject to The reporting requirement under the hazardous products regulations. For further information please also consult our Safety data sheet. These implementation recommendations are based on our experience and extensive work Search, however, they do not release the user from testing the product before an application. NanoProtection guarantees the quality of its products but expressly disclaims all liability in case of Non-compliance by the user with the recommendations and conditions of use of the said products, in particular but Not exclusively in case of failure to apply, application by unqualified personnel, use of Products not compatible with the company's products NanoProtection or bad conditions Weather.

Protection Nano Inc – Head Office, Saint Eustache, Qc Canada

Info@nanoprotection.ca – www.nanoprotection.ca

SAC: 1-866-472-5296 - CEO: 514-893-5296



Self-Cleaning Glass

Product Summary: NanoProtection SELF-CLEANING WINDOWS is a nanotechnology-based product that shields windows from external elements, creating an invisible nano-hydrophobic layer that repels water and dirt. Ideal for roof windows, outside windows, verandas, and pool shelters.

Features: | High hydrophobicity (contact angle >105°) | Anti-adherent properties

Excellent "easy to clean" effect | Food-contact safe | Invisible, permanent, and UV stable

Resistant to temperature fluctuations | Simple application | High chemical resistance (except for high pH >13)

Usage: Apply at temperatures between +5°C and +30°C, avoiding direct sunlight. Ensure the surface is clean and dry.

Surface Preparation: Clean the surface of visible dirt, pollution, and limestone traces. For persistent limestone, use NanoProtection ANTI LIMESTONE or a commercial anti-lime product, followed by NanoProtection GLASS AND CERAMIC CLEANER.

Application: Shake well before use and wear gloves. Spray SELF-CLEANING WINDOWS directly on the surface. Spread and polish with a cloth until no residue remains. Wait for 30 minutes without touching or exposing to water or cleaning agents. Full drying takes 24 hours.

Maintenance: Clean treated surfaces **easily with water**. For additional cleaning, use NanoProtection UNIVERSAL CLEANER, as it is detergent-free. Avoid using other products that may reduce the hydrophobic effect.

Longevity: The treatment remains active for several years under normal use and abrasion conditions, without aggressive cleaning agents. The maximum duration on external glass exposed to UV is 5 to 6 years.

Advantages:

1. Permanence and Durability: UV stability ensures long-lasting performance.
2. Abrasion resistance/Easy to clean effect: The chemical bond provides excellent abrasion resistance.
3. Chemical Stability: Resistant to most household and industrial cleaners, except concentrated detergents.

Storage: Store unopened for 2 years in its original packaging at temperatures between +5°C and +25°C, away from sunlight. Seal opened containers tightly.



CHROME AND STAINLESS-STEEL TREATMENT PROTECTION

Product Summary:

Nanoprotection CHROME AND STAINLESS STEEL is a nanotechnology-based product designed for chrome and stainless-steel surfaces. It creates an anti-adherent coating, making it easy to clean and preventing dirt, including fats, oil, and limestone, from sticking. Suitable for sanitary areas, kitchens, faucets, and various metallic parts.

Features: High hydrophobicity (contact angle $>105^\circ$) | Anti-adherent properties
Excellent "Easy to Clean" effect | Food-contact safe.
Invisible, permanent, and UV stable | Resistant to temperature fluctuations
Simple application | High chemical resistance (except for high pH >13)

Usage: Apply at temperatures between $+5^\circ\text{C}$ and $+30^\circ\text{C}$, avoiding direct sunlight. Ensure the surface is clean and dry before treatment.

Surface Preparation: Clean the surface of visible dirt and pollution. For persistent limestone, use NanoProtection Anti-Limestone or similar products, followed by NanoProtection Glass and Ceramic Cleaner.

Application: Shake well before use and wear gloves. Spray NanoProtection Chrome & Stainless Steel evenly on the surface. Spread and polish with a cloth until no film remains. Wait 30 minutes without touching the surface or using water. Full drying takes 24 hours.

Maintenance: Treated surfaces can be cleaned easily with water. If necessary, use NanoProtection Universal Cleaner, as other products may reduce the hydrophobic effect.

Longevity: The treatment lasts for years under normal conditions, but its durability on chrome surfaces depends on natural wear.

Advantages: Long-lasting UV stability | Excellent abrasion resistance | Chemical resistance to most cleaners

Storage: Store unopened for two years at temperatures between $+5^\circ\text{C}$ and $+25^\circ\text{C}$, away from sunlight, and seal opened containers tightly.

Safety: The product is flammable and may irritate eyes and skin. Consult the Safety data sheet for more information.



TEHCNICAL DATA SHEET

UNIVERSAL CLEANSER

Presentation, fact sheet and instructions for use

Product Description:

Nano Protection UNIVERSEL IS a highly effective cleaner.

Its innovative micro-division effect allows for complete cleaning without assaulting surfaces. The product is used final preparation of surfaces (such as crystallized marble) which will then be treated with some nano products. UNIVERSEL CLEANSER is also the only cleaner suitable for treated surfaces with a nano product.

Agents: A watery salt solution containing less than 10% food grade phosphate.

Smell: No. **Color:** Colorless.

use:

Application conditions: Apply the product at temperatures ranging from 5 to 30 degrees Celsius. Do not treat in full sun. Treat in small areas if temperatures are 30degrees. Don't deal with below 0oC. The product must be applied in conditions of air humidity and temperatures Normal.

Surface preparation: The surface must be freed from any coarse and visible pollution, such as impurities, traces of limestone and dirt.

Tips for use: NanoProtection UNIVERSEL NETTOYANT is the cleaning pre necessary for preparation of surfaces receiving plastic and anti-rain helmets treatments. Shake well before use. Simply spray UNIVERSEL NETTOYER on the surface to be cleaned, let it work for a moment then rinse with a cloth saturated with water or with plenty of water if the environment allows. Dry the surface. Once the surface has been cleaned, do not touch it with your fingers, or bring it into contact with water if a nano treatment is going to be applied.

Amount of use: About 10-20ml /m2

Drying time: With temperatures of 30oC, the product dries quickly (about 30 sec).



MULTI PROPUSE TREATMENT

Product Summary:

This nanotechnology-based product creates a durable non-stick coating for various surfaces, preventing dirt and impurities from adhering. It exhibits high hydrophobicity, excellent "easy to clean" properties, and is compatible with food contact. The coating is invisible to the naked eye, permanent, and resistant to temperature variations.

Usage:

Ideal for plastic, resin, plexiglass, car bodywork, acrylic or stainless sanitary ware, shower screens, bathtubs, window frames, and patio furniture.

Application:

Apply at temperatures between +5°C and +30°C, avoiding direct sunlight. Ensure the surface is clean, free of grease, silicone, and wax. Apply the treatment, spread evenly, and let it dry for 30 minutes. Full drying occurs after 24 hours.

Maintenance:

Treated surfaces can be easily cleaned with water. Use of other cleaning products is discouraged, except for a recommended UNIVERSAL CLEANER.

Longevity:

The treatment remains effective for several years under normal use and without aggressive cleaning agents, thanks to UV stability and chemical bonding.

Advantages:

Longevity: UV stability ensures a long-lasting effect.

Abrasion resistance: The treatment is highly durable.

Chemical stability: Resistant to most household and industrial cleaners.

Storage:

Store in unopened packaging at temperatures between +5°C and +25°C, away from direct sunlight. Seal opened containers tightly.



Treatment Textile & Leather Protector

Product Description:

NanoProtection TEXTILE & LEATHER is a nanotechnology-based solution designed to invisibly protect various textiles and leather from water, dirt, stains, and contaminants. It encapsulates fibers with nanoparticles without altering appearance, breathability, color, or texture. It's highly water-resistant, ideal for outdoor textiles, and effectively repels oil, coffee, and common stains.

Examples of Use: Clothing and shoes | Household textiles: tablecloths, mats, sofas, pillows

Product Characteristics: Water and oil repellency (contact angle > 120°)

Anti-adhesive properties | Protects fibers against dirt buildup | Safe for food contact.

Invisible coating (thickness: 100-150nm) | UV stable and highly abrasion-resistant

Resistant to temperature fluctuations | Easy to apply

Chemically resistant (including cleaning agents)

Usage: Apply between +5°C and +30°C. | Avoid direct sunlight and treat in small areas if it's 30°C. | Do not apply below 0°C. | Ensure normal humidity and temperature conditions for application. | Clean the textile thoroughly before treatment, even if it appears clean or new. If machine washing isn't possible, clean dirty surfaces with NanoProtection STAIN TEXTILE and rinse with water.

Application: Shake well before use. | Pre-clean and ensure the textile is dry.

Spray TEXTILE & LEATHER evenly until saturation. | For smooth or low-absorbent surfaces like leather, apply sparingly. | Let it dry before contact with hands, water, or other products.

Alternatively, soak and dry (do not wring). | Test the hydrophobic effect when the textile is completely dry.

Amount of Use: Typically, between 25 and 100ml/m², depending on the textile's absorption rate. | Calculate about 10ml/m² per mm of material thickness.

Duration of Action: Provides protection for several years under normal use and abrasion.

Withstands 30 to 40 machine washes for consumer use (more for the professional version).

Advantages: Long-lasting and durable with UV stability. | Excellent abrasion resistance and easy-to-clean effect. | Resistant to most machine cleaning agents.

Storage: Store in the original, unopened packaging for up to 2 years. | Keep between +5°C and +25°C. | Protect from sunlight and seal opened containers tightly.

Protection Nano Inc

Head Office, Saint Eustache, QC Canada

Info@nanoprotection.ca | www.nanoprotection.ca

SAC: 1-866-472-5296 – CEO: 514-893-5296