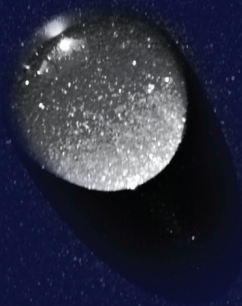
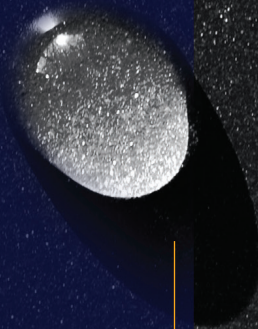


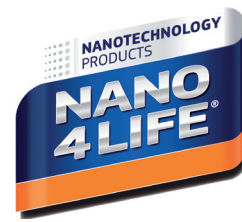


Product Catalogue



Our Products are tested and certified from the following International Institutions.





Product
Catalogue
2020

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Invisible and extremely strong non-stick surface protection
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Invisible protection, waterproofing, sealing, easy to clean
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|---|---|---|--|

The background of the entire page is a close-up photograph of numerous water droplets of various sizes resting on a dark, textured surface. The lighting creates bright highlights on the droplets, giving them a three-dimensional appearance. Overlaid on the right side of the image is a semi-transparent orange rectangle. Inside this rectangle, the word "EDITORIAL" is written in a bold, white, sans-serif font.

EDITORIAL

ABOUT NANOTECHNOLOGY PRODUCTS BY NANO4LIFE EUROPE L.P.®



NANO4LIFE EUROPE L.P.® was founded in 2008 in cooperation with leading Nanotechnology Institutes based in Germany to design and create our Nanotechnology products that are applied to all surfaces:

NANO4LIFE EUROPE L.P.® coatings have been created with SiO₂ (Silicone Dioxide Pure Quartz) utilizing the Sol-Gel process manufacturing to produce highly durable coatings that are completely safe, quick, renowned for ease of application and completely human and environmentally friendly.

NANO4LIFE EUROPE L.P.® in cooperation with A.I.A. is proud to present the new generation of nanotechnology most impressive range of products, the **NANODIAMOND** series.

The brand new **NANODIAMOND** just entered in our already vast range of innovative products from the best scientific laboratories in the world. This **NANODIAMOND** product series incorporate an ultra-high technology coating that protects with full coverage your vehicle paintwork from environment threatening and polluting factors.

In **NANO4LIFE EUROPE L.P.®** We have the largest range of Nanotechnology Products, offering up to 80 different products in up to 400 different packages from 50 ml to 1000 liters.

Surfaces treated with **NANO4LIFE EUROPE L.P.®** magically become Easy to Cleaning, super hydrophobic, durable and powerfully stain resistant on porous and non-porous surfaces alike without altering the breath- ability properties of the surfaces.

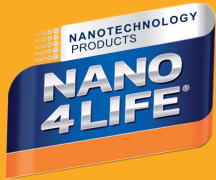
NANO4LIFE EUROPE L.P.® is an ISO9001:2008 certified company in the production of Nanotechnology products.

NANO4LIFE EUROPE L.P.® is the only company worldwide which has received from the HOHENSTEIN Textile Testing Institute GmbH & Co, the certificate ECO PASSPORT which confirms that our products meet the very strict specification Oeko-Tex Standart 100 product classes I-IV and can be used even in clothes that appeal to babies.

Also **NANO4LIFE EUROPE L.P.®** has received and has the most certificates of quality products from international Institutes in Germany , Spain , and also are certified from the Government organizations in Singapore N.E.A. (National Environmental Agency) , and in New Zealand E.P.A. (Environmental Protection Agency) that our products it is not hazardous for the environment.

NANO4LIFE EUROPE L.P.® provides full technical support including detailed brochures, specifications and video information that is made available.

NANO4LIFE EUROPE L.P.® products are in stock and can be delivered within 24 hours to any destination in the world. Delivery in European countries can be provided within 1 days and other points in the world in approximately 3 days with very low freight costs



Nanodiamond4-CARPAINT®

INVISIBLE AND EXTREMELY STRONG
NON-STICK SURFACE PROTECTION
SCRATCH RESISTANCE UP TO 12H*
ANTI-GRAFFITI PROTECTION,
SELF-CLEANING SURFACE
FIRE AND ACID HIGH PROTECTION

NANO4LIFE EUROPE L.P. is proud to present for the first time in the worldwide market its new and highly innovative range of nanotechnology products made by Nano particles extracted from diamond: The **NANODIAMOND** Series.

For making this dream comes true, 2 whole years of thorough research and consistent hard work in combination of our close cooperation with A.I.A (Aerospace Industry Association) led us to invent and construct the absolute one and only product of such unique qualities and so far ahead technologically advanced.

Our **NANODIAMOND** product range succeed under latest technology extraction techniques to incorporate an invisible layer of diamond Nano-particles on the car's surface for protecting it effectively the car paint from scratches, acids, dirt of any kind and all the possible surface damages may occurred.

You will be impressed by the extraordinary shiny outcome of your car look, same as the one of a diamond, after implementation of the Nanodiamond4-Carpaint®. The most astonishing fact is that your car will look exactly as

NANODIAMOND4-CAR-PAINT® is certified:

- 1.FOOD SAFE APPROVED FOR NANODIAMOND LINE of products according to Regulation (EC) No 1935/2004c and the Commission Regulation (EU) No. 10/2011
- 2.PENCIL HARDNESS TEST 9H
- 3.ALKALI RESISTANCE ISO JIS K5400 TEST METHOD FOR PAINTS
- 4.ACID RESISTANCE ISO JIS K5400 TEST METHOD FOR PAINTS
- 5.SALT WATER RESISTANCE ISO JIS K5400 TEST METHOD FOR PAINTS
- 6.HEAVY METAL ANALYSIS ISO JIS ASTM F963 - 08 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

* For more info please refer to included instructions



blinking shiny as the day you bought it and for many years to come.

Additionally, after covering your car with the **Nanodiamond4-Carpaint®**, you will enjoy both the hydrophobic effect of the product and its invisible coverage which will give to your car the highest possible resistance to scratches. Your car will always stay clean as the dust and any nasty dirt will not stick on the surface any more. Upon cleaning your car only with water you will notice the lotus hydrophobic effect of the water forming drops and just roll over the surface dragging along with it all the dirt.

Just coat your car with the edge of nanotechnology # 1 product and enjoy full protection of its anti-graffiti effect, the simplicity of cleaning it only with water and feel the confidence of confronting every daily possible obstacle even the fire!

Nanodiamond4-Carpaint®

After coating your vehicle with the **Nanodiamond4-Carpaint®** a multi-layer coating forms and within minutes the thickness of the paint coating can be substantially increased. This creates an additional super protective invisible coating which functions as outer armor preventing any scratch from your car from at a resistance scale from 9H* to 12H*.

Definition & Measurement of Scratch Resistance

The Pencil Hardness test is the worldwide definition for determining the scratch resistance of a coating surface by using pencils to scratch the surface and rate the scratch resistance in relation to that pencils hardness and other materials of similar hardness.

The specification 9H* to 12H* hardness is a rating on the Pencil Hardness Test, commonly used by manufacturers of clear and pigmented surface coatings. The higher the number of H, the more resistance of a surface to scratches.

Upon implementing **Nanodiamond4-Carpaint®** on your vehicle, you immediately transform its color to completely durable to the scratches at a scale of 9H* to 12H*. The difference in H scale varies on the layers used on the car's surface. So, additional layers allowing a thicker / harder film that will increase its scratch resistance to your vehicle.

- 1 layer coating succeeds 500 Nano thickness and 9H* scratch resistance
- 2 layers coating succeeds 1000 Nano thickness and 11H* scratch resistance
- 3 layers coating succeeds 1500 Nano thickness and 12H* scratch resistance

SURFACES ON WHICH CAN BE APPLIED:

- CARS
- BUSES
- TRAINS
- BICYCLES
- HELICOPTERS
- AIRPLANES

PRODUCT QUALITIES

Scratch Resistance (Above 9H*-12H*)

10 years Permanent Protection

Anti-Graffiti

Color protection against fireResistance

Easy and Self-cleaning

High hydrophobicityh Resistance

Colour protection from UV radiation

Weather resistancetch Resistance

Advanced Chemical (Acid) Resistance

100% invisible sealing protectionratch

Protects against ice

High Gloss Finish

High temperatures resistance up to (up to 1200°C)

Anti-corrosion and anti-oxidant effect

Resistance on chemical compounds influence

High paint glowesistance (Above 9H*-12H*)

Covering does not submit to a wash (ex. in the car wash), it can be removed only by paint polishing.

Saves the environment and money by reducing the use of chemical detergents by up to 90% ratch

APPLICATION METHOD

IMPORTANT NOTICE: For achieving the highest possible results upon coating your car, please read carefully the below instructions and follow them closely.

Product should not be applied below 25% or higher than 85% air humidity, since curing can be influenced or not happen properly. In countries with very high or very low air humidity, application in closed air-controlled rooms is recommended Perfect conditions are 20° C and 55% air humidity.

You will achieve the optimum results if you coat your car in close inner space. If you cannot implement the product in close space, please mind that there aren't windy weather conditions and there isn't possibility of rain for the next hours after coating your car with Nanodiamond4-Carpaint®. The treatment of the target surface should be carried out under ambient conditions and between 10° C - 40° C.

Surface preparation

Before implementation please check that there aren't scratches or imperfections on your car surface. If there are, it would be wise to fix them before coating with the **Nanodiamond4-Carpaint®** because after you implement the product, their restoration would be difficult to be done. The **Nanodiamond4-Carpaint®** can be removed from your car surface only by mechanical means. Please wash thoroughly your car with your usual washing method and be sure that there aren't any wax or polishing and chemical detergents residues that professional car wash companies usually apply during washing. If any chemical substance remains, the **Nanodiamond4-Carpaint®** will not be integrated in the car color. It will stuck on the substances and within a short time period will vanish by leaving a protection gap.

After this careful and thorough car cleaning process, it would be even better to sprinkle it with isopropyl alcohol or **Nano4-Preclean®** and rub it with a microfiber cloth for removing all

chemical remaining from the washing.

In case that the implementation will take place in external space, please be sure that no dust exists on the car's surface, as well as no humidity or water on it and it is 100% dry

Implementation

1. Please be sure that the aluminum bottle containing the **Nanodiamond4-Carpaint®** is sealed.
2. Acquire a microfiber or a non-absorbing cloth that leaves no fabric fibers.
3. Open the bottle. **CAUTION:** For safety purposes, please keep the product away from children. You will notice that the **Nanodiamond4-Carpaint®** has the distinctive smell of ammonia so if this disturbing, please wear a medical face mask.
4. Divide the car's surface in your mind in small areas of 30x30 cm.
5. Place the cloth on the open bottle mouth and turn the bottle upside down for 2-3 times in a row so the product to wet the cloth. With the wet cloth spread and coat the product on every 30x30 cm surface and then rub with cyclic movements and intensively until you notice a shiny outcome on the surface.

Important Notices

- If you desire to increase the resistance to scratches from 9H* to 11H* as well as your car's surface shiny effect, please repeat the same coating process within 5 minutes time after the first implementation. If you desire to increase the resistance to scratches from 11H* to 12H* as well as your car's surface shiny effect, please repeat the same coating process within 5 minutes time after the second implementation.
- In the case that you actually decide to increase the resistance to scratches from 9H* to 11H* or 12H* and the shiny effect, don't coat the entire car with the first coating and then to apply the second and third coating because you will achieve the desirable outcome. If the first coating will dry on the surface, the next layers will not be absorbable. Please coat first the one door, after the other door, then the car hood etc.
- Please be very careful on the application for not leaving coating spaces as the whole process is actually invisible.

Coating stabilization time

Surface under coating will be water stable after 12 hours approximately. Before this time span, please focus on keeping the car away from any water or wet conditions. You can accelerate the 12 hours curing time to 15 minutes by heating the surface at 80°C with a heat gun.

The complete coating stabilization takes place after 5 days. Within this time span, isn't wise to clean your car with chemical or mechanical means.

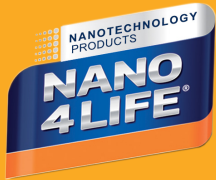
DURATION OF THE PROTECTION

Protection of the surfaces that the **Nanodiamond4-Carpaint®** has been applied, reaches up to 10 years, provided that the placement of the product has.

CONSUMPTION

1. With 5ml you can cover up to 1m² of 500 Nano thickness and 9H* resistance to scratches.
2. With 10ml you can cover up to 1m² of 1000 Nano thickness and 11H* resistance to scratches.
3. With 15ml you can cover up to 1m² of 1500 Nano thickness and 12H* resistance to scratches.

***IMPORTANT NOTICE:** Currently, the scientific machinery that measures the H scratch resistance can assess the hardness under worldwide applied standards up to 9H*. Our in house not yet certified recent experiments though led us to the conclusion that under accumulation of 2 additional coatings to the paint, the Hardness can reach the level of 12H*. So, upon implementing 2 more coating layers of **Nanodiamond4-CarPaint** on your vehicle, you immediately transform its color to completely durable to the scratches at a scale of 9H* to 12H*.



Nanodiamond4-GLASS®

INVISIBLE PROTECTION,
12 H* ANTI-SCRATCH, SELF CLEAN,
VERY STRONG NON-STICKING
PROTECTION, ANTI-GRAFFITI

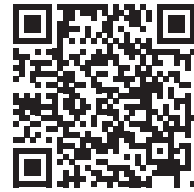
Our company **NANO4LIFE EUROPE L.P.** is proud to present the new generation of nanotechnology most impressive range of products, the NANODIAMOND series.

The brand new **NANODIAMOND** just entered in our already vast range of innovative products from the best scientific laboratories in the world. This **NANODIAMOND** product series incorporate an ultra-high technology coating that protects with full coverage your glass surfaces from environment threatening and polluting factors.

NANODIAMOND4-CAR-PAINT® is certified:

1. FOOD SAFE APPROVED FOR NANODIAMOND LINE of products according to Regulation (EC) No 1935/2004c and the Commission Regulation (EU) No. 10/2011
2. PENCIL HARDNESS TEST 9H
3. ALKALI RESISTANCE ISO JIS K5400 TEST METHOD FOR PAINTS
4. ACID RESISTANCE ISO JIS K5400 TEST METHOD FOR PAINTS
5. SALT WATER RESISTANCE ISO JIS K5400 TEST METHOD FOR PAINTS
6. HEAVY METAL ANALYSIS ISO JIS ASTM F963 - 08 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

* For more info please refer to included instructions



NANODIAMOND4-GLASS

Upon spraying any vehicle with the **Nanodiamond4-glass®**, a multiple layer coating is formed and within minutes the thickness and strength of the glass coating is highly increased. This creates an extra ultra-protective and multi-layer coating which operates as outer armor preventing any scratch on your glass surfaces.

Scratch resistance measure definition

For measuring the resistance to scratches there is a simple scientific scale of minimum resistance of 9H* to maximum resistance of 12H*. This is a rating based on Pencil Hardness Test commonly used by manufacturers on clear and pigmented surface coatings. The Pencil Hardness test is used to determine the scratch resistance of a coating surface by using pencils to scratch the surface and rate the scratch resistance in relation to that pencil hardness and other materials of similar hardness.

So, based on this rating scratch resistance scale, where 12H is the maximum resistance, we achieve optimum hardness coating results by the below 3 application variations:

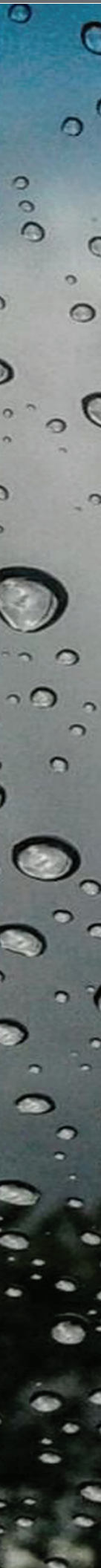
1. Upon coating 1 time you achieve 500 Nano thickness and 9H* scratch resistance
2. Upon coating 2 times you achieve 1000 Nano thickness and 11H* scratch resistance
3. *Upon coating 3 times you achieve 1500 Nano thickness and 12H* scratch resistance

In scientific terms, the **Nanodiamond4-glass®**, incorporates the:

1. Effect of super hydrophobic substance (the biochemical attribute of inner water molecules' interaction and the formation of lipid bilayers which basically places a surface waterproof
2. Anti-graffiti coating which prevents paint or graffiti from bonding to surfaces

These two material attributes place your glass surfaces always clean both from dirt and dust but also prevents any scratch to be formed on the protected surface. The rain will just flow over the glasses without leaving any traces or mud.

The last but not least interesting product quality is that the **Nanodiamond4-glass®**, makes your glass surfaces shine just like a diamond shines in the light. You will be proud of your glass surfaces appearance which will be brand new and shiny for many years to come just like it was the day you bought.



SURFACES ON WHICH CAN BE APPLIED:

- WINDOWS OF HOUSES , SHOPS AND BUILDINGS
- MOBILE PHONES
- KITCHEN CERAMIC HOTBED
- CAR, MOTO, BOAT GLASSES
- SUNGLASSES, AND MOTORCYCLE HELMET VISORS
- WINDOWS OF HOUSES

PRODUCT QUALITIES

Scratch Resistance (optimum scale 9H-12H)

10 years Permanent Protection

Very strong non-sticking protection

Anti Graffiti

Self-cleaning

Super hydrophobic factors

Color protection from UV radiation

Extreme weather conditions protection

Advanced Chemical (Acid) Resistance

100% invisible sealing protection

Frost proofing and tolerance

High protection against ice

Shiny glossy finishing

Extreme tolerance in high temperatures (up to 1200°C)

Shiny paint coverage

The coating cannot be affected by machine wash

100% Environmental friendly

Money saving by reducing up to 90% the use of chemical detergents

APPLICATION METHOD

IMPORTANT NOTICE: For achieving the highest possible results upon coating your car, please read carefully the below instructions and follow them closely.

Product should not be applied below 25% or higher than 85% air humidity, since curing can be influenced or not happen properly. In countries with very high or very low air humidity, application in closed air-controlled rooms is recommended. Perfect conditions are 20° C and 55% air humidity.

Surface preparation

1. Before implementation please check that there aren't scratches or imperfections on your glass.
2. Before using the product, clean your glass surface very carefully under usual cleaning methods.
3. Rub thoroughly the surface with IPA (isopropyl alcohol) or **Nano4-preclean** with a cloth (use sparingly) in order to remove from your glass surfaces all chemical residues of the usual applied detergents in order to clean completely the surfaces. Before the final coating the surface has to be dry, dust, oil and grease free.
4. The treatment of the target surface should be carried out under ambient and normal weather conditions (between 10° C and 40° C).

Application techniques:

Apply the **Nanodiamond4-glass®** in surfaces of 30X30 cm by smooth polishing movements with a clean towel until all visible rims will be removed.

In case you need to coat the surface with 2nd or 3rd layer, please wait 3 minutes after every layer coating until you proceed to the next.

The proofing of the coating will stable after 12 hours. Full coverage and wiping or cleaning proofing takes 5-7 days. You can accelerate the curing time by heating the surface for 10-15 minutes by heating it up under temperatures of 80° C.

DURATION OF THE PROTECTION

Protection Protection products reaches up to 10 years, provided that the placement of **Nanodiamond4-glass®** made in accordance with the instructions.

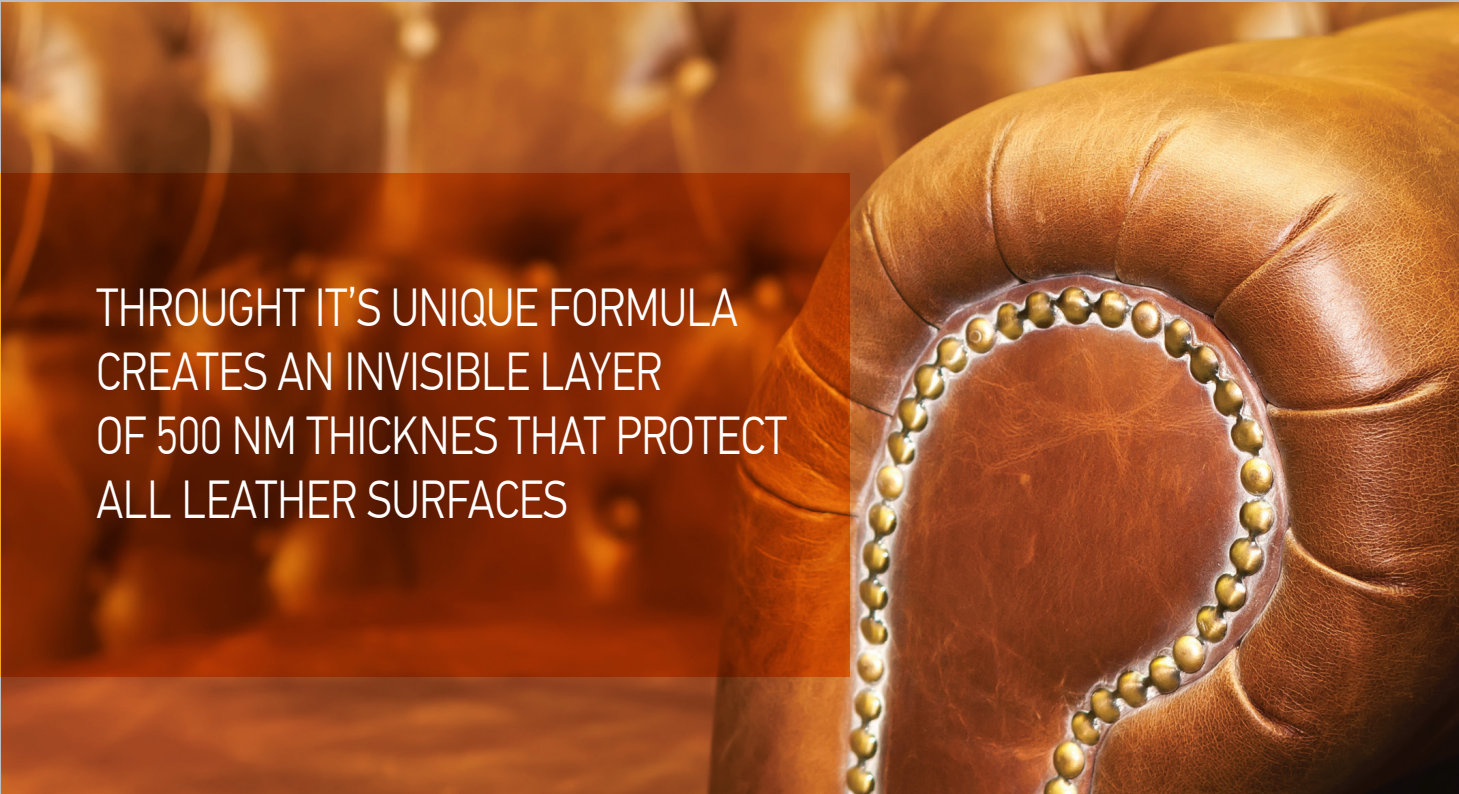
CONSUMPTION

1. With 5ml you can cover up to 1m² of 500 Nano thickness and 9H* resistance to scratches.
2. With 10ml you can cover up to 1m² of 1000 Nano thickness and 11H* resistance to scratches.
3. With 15ml you can cover up to 1m² of 1500 Nano thickness and 12H* resistance to scratches.

***IMPORTANT NOTICE:** Currently, the scientific machinery that measures the H scratch resistance can assess the hardness under worldwide applied standards up to 9H*. Our in house not yet certified recent experiments though led us to the conclusion that under accumulation of 2 additional coatings to the paint, the Hardness can reach the level of 12H*. So, upon implementing 2 more coating layers of **Nanodiamond4-Glass** on your vehicle, you immediately transform its color to completely durable to the scratches at a scale of 9H* to 12H*.



Nano4-LEATHER®



THROUGH IT'S UNIQUE FORMULA
CREATES AN INVISIBLE LAYER
OF 500 NM THICKNES THAT PROTECT
ALL LEATHER SURFACES

Nano4-leather® is a new water based Ultra-hydrophobic coating Nanotechnology product . After applying the product and upon completion of the curing process (24 hours), a thin layer 500 nm of SiO₂ (Silicon Dioxide) seals the protected area so. Humidity, water, coffee, ketchup, wine, coffee, oil, syrup, sauces, and other hot or cold liquids are easily removed from the Leather when it's protected with **Nano4-leather®** , by simply dabbing with an absorbed cloth, the wet spots will disappear again from your leather returns back to its original state as if nothing had happened.

Product's unique attributes:

Nano4-leather® is a fluorine-free, water-based spray-on product for avoiding to generate dirt, water and oil-repellent effects. Due to its extremely easy application method, it can be easily used by both individual consumers and professionals.

As the product is included in the global joint roadmap of Zero Discharge of Hazardous Chemicals (ZDHC), it can be safely sprayed on any leather surface without any restriction or special consideration.

Nano4-leather® offers outstanding protection and long lasting coverage in all leather surfaces and especially on the smooth kinds. Excellent protective results can be also attributed on many kind textile kinds like carpets, furniture fabrics, upholsteries and curtains provided that any textile or leather surface is free from chemical active substances (silicone / surfactants).

Enjoy waterproof and dirt proof effect on your precious textiles and leather stuff and just easily wipe out any stain of them. Keep away humidity, coffee, food stains (ketchup, syrup, oil, sauce) and all liquids.

Choose to stay dry in the rain and protect your valuable textiles from the usual "accidents" of your everyday activity just by using **Nano4-leather®**

Nano4-leather® doesn't affect either the appearance, the texture or the breathing ability of the protecting leather or textile surface.



SURFACES ON WHICH CAN BE APPLIED:

- LEATHER SOFAS
- LEATHER JACKETS
- LEATHER CAR SEAT
- FURNITURE
- CARPETS, RUGS
- CANVAS BOAT SAILS
- THEATRE SEATS
- SHOES

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- HOMEOWNERS
- FURNITURE RETAILERS
- MANUFACTURERS OF CARPETS AND RUGS
- HOTELS AND RESTAURANTS
- CRUISE SHIPS AND BOATS
- MILITARY
- SPORTS CLUBS AND HUNTERS
- HOSPITALS
- PROFESSIONALS TAILORS

APPLICATION METHOD

1. The product can be affected if left for long periods of inactivity (e.g. creaming, sedimentation, separation). Stir or shake thoroughly before use.
2. Clean the Leather thoroughly and dry before applying the product, the leather must be free of anionic, surfactant residues, silicones or surfactants impair performance and adhesion.
3. Spray the surface with **Nano4-leather®** and ensure even distribution over the surface. If the substrate cannot instantly absorb the liquid, e.g. smooth leather, it should be rubbed in using gentle polishing motions. After applying **Nano4-leather®** it takes 24 hours (at 20° C) to be fully cured.
4. The treatment of the targeted surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C). The time required for curing may vary depending on ambient temperatures as this is the time the nano-materials bond or cure to the surface giving you ultra-repellency surfaces (between 10° C and 40° C).

DURATION OF THE PROTECTION


The duration of protection is 3 years at normal use / abrasion.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-ULTRACOAT®



THROUGH IT'S UNIQUE FORMULA
CREATES AN INVISIBLE LAYER OF
500NM THICKNES OFFERING ON ALL
POROUS SURFACES TEXTILE - WOOD -
STONE - SHOES SPECIAL SEALING
AND ANTIBACTERIAL PROTECTION.

Nano4-Ultracoat® is a new water based Ultra-hydrophobic coating Nanotechnology product . After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (Silicon Dioxide) seals the protected area so.

SPECIAL EFFECT:

Protects from oil/water penetration (iso 4920 2/ rating 90-100, iso 14419 rating 5) on fabrics, woods and stones and so generates an inhospitable environment depriving microorganisms of moisture and food. Because of absence of water AATCC 100 standards can be achieved in a physical way without using of biocides. By its ultrahydrophobic effect, water is will be concentrated on the surface at an optimum, leaving a maximum of dry places, where a high natural death rate of wet germs (*pseudomonas aeruginosa*, *proteus* sp., *klebsiella* sp., *acinetobacter* sp. and *stenotrophomonas maltophilia*) is achieved.

Waterproofing and easy removal of stains and all types of dirt deposit on the absorbent surfaces. Humidity, coffee, ketchup, wine, oil, syrup, sauces, and other hot or cold liquids are easily removed when it's protected with the **Nano4-Ultracoat®**

ESPECIALLY / PARTICULARLY SUITABLE FOR OUTDOORS:

Nano4-Ultracoat® coating every porous surface with an invisible non-adhesive coating. This protection has the effect that dry dirt won't stick to the material any more. Damp dirt will not be absorbed any more from the porous surface. Protects stone and concrete facades, monuments or infrastructure against heavy corrosion by repelling bacteria and water. Furthermore, it creates an extremely high level of protection against soiling and moss growth. Protected surfaces can be washed without the use of cleaning agents. Whether you want to stay dry in the rain or be protected against spots by accidents of the daily life - there is always rely on **Nano4-Ultracoat®** also does not change the look, feel or breathability of the coating surface and does has no effect on the skin.



SURFACES ON WHICH CAN BE APPLIED:

TEXTILES

- FURNITURE
- CARPETS AND RUGS
- CANVAS BOAT SAILS
- CAR SEAT
- SWIMMING POOLS COVERS
- THEATRE SEATS
- SHOES

STONES

- STONE WALLS
- INSULATION
- SEALING CEMENT
- POOLS
- WALLS PAINTED
- TILES
- BLOCKS
- STONE FLOORING.

WOOD

- WOODEN STRUCTURES
- PERGOLAS
- WOODEN GARDEN
- FURNITURE
- DECK WOODEN
- WOODEN ROOFS, FLOORS, FENCES, TRUSSES

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- HOMEOWNERS
- FURNITURE RETAILERS
- MANUFACTURERS OF CARPETS AND RUGS
- HOTELS AND RESTAURANTS
- CRUISE SHIPS AND BOATS
- MILITARY
- SPORTS CLUBS AND HUNTERS
- HOSPITALS
- PROFESSIONALS TAILORS

APPLICATION METHOD

1. The product can be affected if left for long periods of inactivity (e.g. creaming, sedimentation, separation). Stir or shake thoroughly before use.
2. Clean the Surface thoroughly and dry before applying the product, the surface must be free of anionic, surfactant residues, silicones or surfactants impair performance and adhesion.
3. The time required for curing may vary depending on ambient temperatures. You can accelerate this process by curing heat at: 170°C 1-2min, 100°C - 4 min, 60°C - 10 min as this is the time the nano-materials bond or cure to the surface giving you ultrarepellency.
4. The treatment of the targeted surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C) The time required for curing may vary depending on ambient temperatures. as this is the time the nano-materials bond or cure to the surface giving you ultra-repellency surfaces (between 10° C and 40° C) .For more analytic information's please read here.

DURATION OF THE PROTECTION


The duration of protection is 8 years at normal use /abration.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-FURNITURE®



INVISIBLE SEALING,
WATERPROOFING
AND EASY TO CLEAN
FOR THICK TEXTILES

Nano4-Furniture® is a water based Nanotechnology product. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area so no foreign liquid or oily substance can penetrate the fabric or textile, reducing the chance of permanent staining.

Humidity, water, coffee, ketchup, wine, coffee, oil, syrup, sauces, and other hot or cold liquids are easily removed from the fabric or textile when it's protected with **Nano4-Furniture®**.

All accidental spills are simply blotted up and removed with a dry or slightly damp cloth and the fabric goes back to its original state as if nothing had happened.

Whether you want to stay dry or protect your valuables from stains that may occur during your daily activities, you can always count on **Nano4-Furniture®**.

Nano4-Furniture® does not change the look, feel or breathability of the textile.

Nano4-Furniture® has no effect on the skin.

Nano4-Furniture® is certified:

1. As a ECOLOGY product from the Hohenstein Textile Testing Institute GmbH & Co. KG and can be used for the production of human- ecological optimized textiles under specifications of the Oeko-Tex® Standard 100, product classes I- IV.
2. According to ISO 11507, method A for a coating on textile Artificial weathering with fluorescent UV lamps by Polymer Service GmbH Institute.
3. According to DIN EN 20811:1993 (determination of resistance to water penetration. Test under hydrostatic pressure) by Tecnia Institute Spain.
4. According to DIN EN ISO4920:2013 (determination of the fabric resistance to wetting) by Tecnia Institute Spain.
5. According to DIN BS 7209:1990 (water vapour permeability) by Tecnia Institute Spain.
6. According to DIN UNE-EN ISO 105-B02:2013 (colour fastness to artificial light Xenon arc fading lamp test) by Tecnia Institute Spain.
7. According to DIN UNE-EN 31092:1996 (water vapour resistance and Thermal resistance) by Tecnia Institute Spain.



SURFACES ON WHICH CAN BE APPLIED:

- FURNITURE
- CARPETS, AND RUGS
- CANVAS BOAT SAILS
- CAR SEATS
- CHILD SEATS
- SWIMMING POOLS COVERS
- THEATRE SEATS
- BAGS, PURSES
- SAILS SAILING
- TENTS
- UMBRELLAS
- LEATHER (WITHOUT CHEMICALS)

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- HOMEOWNERS
- FURNITURE RETAILERS
- MANUFACTURERS OF CARPETS AND RUGS
- HOTELS AND RESTAURANTS
- CRUISE SHIPS AND BOATS
- MILITARY
- SPORTS CLUBS AND HUNTERS
- HOSPITALS
- PROFESSIONALS TAILORS

APPLICATION METHOD

1. Clean the fabric first, before using **Nano4-Furniture®**, otherwise it will trap the existing dirt.
2. Spray the fabric with **Nano4-Furniture®** from 15cm distance to slightly very wet the surface where you want to protect. After coating with **Nano4-Furniture®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.
3. Another way to protect the fabric is by dipping. For more analytic information's please read here.

DURATION OF THE PROTECTION

For fabrics washed regularly, the protection may last between 20 to 30 washes. You can re-apply **Nano4-Furniture®** to the fabrics to obtain the same results.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-TEXTILE®



INVISIBLE SEALING,
WATERPROOFING
AND EASY TO CLEAN
FOR THIN TEXTILES

Nano4-Textile® is a water based Nanotechnology product. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area so no foreign liquid or oily substance can penetrate the fabric or textile, reducing the chance of permanent staining.

Humidity, water, coffee, ketchup, wine, coffee, oil, syrup, sauces, and other hot or cold liquids are easily removed from the fabric or textile when it's protected with **Nano4-Textile®**.

All accidental spills are simply blotted up and removed with a dry or slightly damp cloth and the fabric goes back to its original state as if nothing had happened.

Whether you want to stay dry or protect your valuables from stains that may occur during your daily activities, you can always count on **Nano4-Textile®**.

Nano4-Textile® does not change the look, feel or breathability of the textile.

Nano4-Textile® has no effect on the skin.

Nano4-Textile® is certified:

1. As a ECOLOGY product from the Hohenstein Textile Testing Institute GmbH & Co. KG and can be used for the production of human- ecological optimized textiles under specifications of the Oeko-Tex® Standard 100, product classes I- IV.
2. According to ISO 11507, method A for a coating on textile Artificial weathering with fluorescent UV lamps by Polymer Service GmbH Institute.
3. According to DIN EN 20811:1993 (determination of resistance to water penetration. Test under hydrostatic pressure) by Tecnia Institute Spain.
4. According to DIN EN ISO4920:2013 (determination of the fabric resistance to wetting) by Tecnia Institute Spain.
5. According to DIN BS 7209:1990 (water vapour permeability) by Tecnia Institute Spain.
6. According to DIN UNE-EN ISO 105-B02:2013 (colour fastness to artificial light Xenon arc fading lamp test) by Tecnia Institute Spain.
7. According to DIN UNE-EN 31092:1996 (water vapour resistance and Thermal resistance) by Tecnia Institute Spain.



SURFACES ON WHICH CAN BE APPLIED:

- SILK FABRICS
- RESTAURANT TABLECLOTHS
- CLOTHING, JACKETS, SHIRTS, TROUSERS, TIES
- WEDDING GARMENTS
- MILITARY CLOTHING, BODY SUITS
- FIRE, POLICE ETC
- UNDERWEAR, CHILDREN'S AND BABY CLOTHES.
- RAINCOATS, UNIFORMS, SKI CLOTHING HUNTERS
- CYCLIST APPAREL
- SHEETS, BLANKETS, TABLECLOTHS
- FLAGS
- PAPER PACKAGING

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- HOMEOWNERS
- FURNITURE RETAILERS
- MANUFACTURERS OF CARPETS AND RUGS
- HOTELS AND RESTAURANTS
- CRUISE SHIPS AND BOATS
- MILITARY
- SPORTS CLUBS AND HUNTERS
- HOSPITALS
- PROFESSIONALS TAILORS

APPLICATION METHOD

1. Clean the fabric first, before using **Nano4-Textile®**, otherwise it will trap the existing dirt.
2. Spray the fabric with **Nano4-Textile®** from 15cm distance to slightly very wet the surface where you want to protect. After coating with **Nano4-Textile®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.
3. Another way to protect the fabric is by dipping. For more analytic information's please read here.

DURATION OF THE PROTECTION

For fabrics washed regularly, the protection may last between 20 to 30 washes. You can re-apply **Nano4-Textile®** to the fabrics to obtain the same results.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-CAR SEATS®



INVISIBLE SEALING,
WATERPROOFING
AND EASY TO CLEAN
FOR SEATS TEXTILES

Nano4-Car Seats® is a water based Nanotechnology product. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area so no foreign liquid or oily substance can penetrate the fabric or textile, reducing the chance of permanent staining.

Humidity, water, coffee, ketchup, wine, coffee, oil, syrup, sauces, and other hot or cold liquids are easily removed from the fabric or textile when it's protected with **Nano4-Car Seats®**.

All accidental spills are simply blotted up and removed with a dry or slightly damp cloth and the fabric goes back to its original state as if nothing had happened.

Whether you want to stay dry or protect your valuables from stains that may occur during your daily activities, you can always count on **Nano4-Car Seats®**.

Nano4-Car Seats® does not change the look, feel or breathability of the textile.

Nano4-Car Seats® has no effect on the skin.

Nano4-Car Seats® is certified:

1. As a ECOLOGY product from the Hohenstein Textile Testing Institute GmbH & Co. KG and can be used for the production of human- ecological optimized textiles under specifications of the Oeko-Tex® Standard 100, product classes I- IV.
2. According to ISO 11507, method A for a coating on textile Artificial weathering with fluorescent UV lamps by Polymer Service GmbH Institute.
3. According to DIN EN 20811:1993 (determination of resistance to water penetration. Test under hydrostatic pressure) by Tecnalia Institute Spain.
4. According to DIN EN ISO4920:2013 (determination of the fabric resistance to wetting) by Tecnalia Institute Spain.
5. According to DIN BS 7209:1990 (water vapour permeability) by Tecnalia Institute Spain.
6. According to DIN UNE-EN ISO 105-B02:2013 (colour fastness to artificial light Xenon arc fading lamp test) by Tecnalia Institute Spain.
7. According to DIN UNE-EN 31092:1996 (water vapour resistance and Thermal resistance) by Tecnalia Institute Spain.



SURFACES ON WHICH CAN BE APPLIED:

- FURNITURE
- CAR SEATS
- CHILD SEATS
- THEATRE SEATS
- BAGS, PURSES
- SAILS SAILING
- TENTS
- UMBRELLAS
- LEATHER (WITHOUT CHEMICALS)

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- HOMEOWNERS
- FURNITURE RETAILERS
- MANUFACTURERS OF CARPETS AND RUGS
- HOTELS AND RESTAURANTS
- CRUISE SHIPS AND BOATS
- MILITARY
- SPORTS CLUBS AND HUNTERS
- HOSPITALS
- PROFESSIONALS TAILORS

APPLICATION METHOD

1. Clean the fabric first, before using **Nano4-Car Seats®**, otherwise it will trap the existing dirt.
2. Spray the fabric with **Nano4-Car Seats®** from 15cm distance to slightly very wet the surface where you want to protect. After coating with **Nano4-Car Seats®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.
3. Another way to protect the fabric is by dipping. For more analytic information's please read here.

DURATION OF THE PROTECTION

For fabrics washed regularly, the protection may last between 20 to 30 washes. You can re-apply **Nano4-Car Seats®** to the fabrics to obtain the same results.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-SHOES®



INVISIBLE SEALING,
WATERPROOFING
AND EASY TO CLEAN
FOR SHOES

Nano4-Shoes® is a water based Nanotechnology product. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area so no foreign liquid or oily substance can penetrate the fabric or textile, reducing the chance of permanent staining.

Humidity, water, coffee, ketchup, wine, coffee, oil, syrup, sauces, and other hot or cold liquids are easily removed from the fabric or textile when it's protected with **Nano4-Shoes®**.

All accidental spills are simply blotted up and removed with a dry or slightly damp cloth and the fabric goes back to its original state as if nothing had happened.

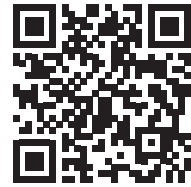
Whether you want to stay dry or protect your valuables from stains that may occur during your daily activities, you can always count on **Nano4-Shoes®**.

Nano4-Shoes® does not change the look, feel or breathability of the textile.

Nano4-Shoes® has no effect on the skin.

Nano4-Shoes® is certified:

1. As a ECOLOGY product from the Hohenstein Textile Testing Institute GmbH & Co. KG and can be used for the production of human- ecological optimized textiles under specifications of the Oeko-Tex® Standard 100, product classes I- IV.
2. According to ISO 11507, method A for a coating on textile Artificial weathering with fluorescent UV lamps by Polymer Service GmbH Institute.
3. According to DIN EN 20811:1993 (determination of resistance to water penetration. Test under hydrostatic pressure) by Tecnalia Institute Spain.
4. According to DIN EN ISO4920:2013 (determination of the fabric resistance to wetting) by Tecnalia Institute Spain.
5. According to DIN BS 7209:1990 (water vapour permeability) by Tecnalia Institute Spain.
6. According to DIN UNE-EN ISO 105-B02:2013 (colour fastness to artificial light Xenon arc fading lamp test) by Tecnalia Institute Spain.
7. According to DIN UNE-EN 31092:1996 (water vapour resistance and Thermal resistance) by Tecnalia Institute Spain.



SURFACES ON WHICH CAN BE APPLIED:

- SHOES WITH POROUS SURFACES
- SHEEP SKIN BOOTS
- SUEDE
- NOT RECOMMENDED FOR PATENT LEATHER

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- SHOE MANUFACTURERS
- SHOE RETAILERS
- ANYONE WHO NEEDS SHOE PROTECTION FROM WATER OR DUST

APPLICATION METHOD

1. Clean the fabric first, before using **Nano4-Shoes®**, otherwise it will trap the existing dirt.
2. Spray the fabric with **Nano4-Shoes®** from 15cm distance to slightly very wet the surface where you want to protect. After coating with **Nano4-Shoes®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.
3. Another way to protect the fabric is by dipping. For more analytic information's please read here.

DURATION OF THE PROTECTION

For fabrics washed regularly, the protection may last 12 months. You can re-apply **Nano4-Shoes®** to the shoes to obtain the same results.

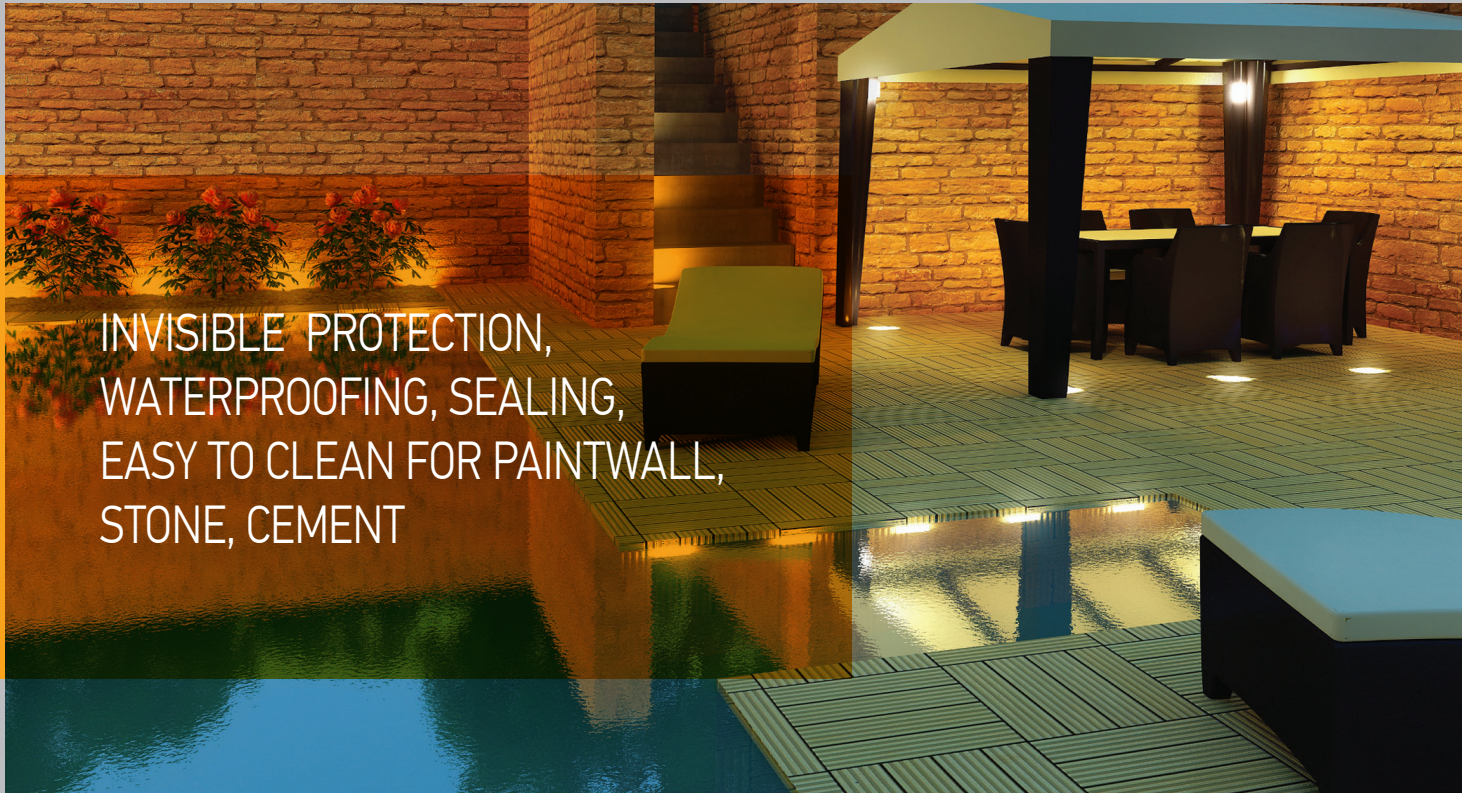
CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-STONE®

for commercial or industrial use*



INVISIBLE PROTECTION,
WATERPROOFING, SEALING,
EASY TO CLEAN FOR PAINTWALL,
STONE, CEMENT

Nano4-Stone® is a water based Nanotechnology product and it is completely environmentally friendly. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area.

Nano4-Stone® create an invisible protection against any dirt particles and from sunlight, moisture, moss, grasses, etc.

Nano4-Stone® also increases the durability of the materials applied with our product.

Surfaces coated with **Nano4-Stone®** are also highly resistant to stress and does not contain silicone or other harmful chemicals.

Nano4-Stone® does not change the look, feel or breathability of the surface.

The **Nano4-Stone®** is certified:

1. According to din ISO11507, (Artificial weathering with fluorescent UV lamps according to method A for different coatings on sandstone) by Polymer Service GmbH Institute.
2. According to din EN 12390 8 2009 (concrete depth of penetration of water under pressure) by A.P.E.B.
3. According to din EN 110545-14:1998 (determination of resistance to stains) by Tecnalia Institute Spain.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- STONE WALLS
- INSULATION, SEALING CEMENT
- POOLS
- WALLS PAINTED WITH PLASTIC
- TILES
- BLOCKS
- STONE FLOORING
- SIDEWALKS

PRODUCT QUALITIES

It does not affect the appearance of the surface

Protection from UV radiation

Abrasion resistant

Easy application, fast drying

Resistant to pressure wash (50-60 bar)

Excellent resistance to frost

Odorless

Protects against moss or fungi

Weather resistant

CUSTOMER TARGETS

- BUILDERS
- CONTRACTORS
- HOUSES WITH TILE
- HOUSES WITH MOISTURE PROBLEMS

APPLICATION METHOD

For the best results surfaces should be sprayed at least twice (wet to wet), it is very important to spray the second hand before the first has dried), depending on the absorbency of the surface you want protected. The process may need to be repeated.

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

In addition to spraying, you may protect the surface with **Nano4-Stone®** using a brush, dipping or a paint roller. Results may vary depending on the application method.

After coating with **Nano4-Stone®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.

DURATION OF THE PROTECTION

Nano4-Stone® protection reaches up to 8 years, but if you feel the protection is wearing off you can re-apply.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-WOOD®

INVISIBLE PROTECTION,
WATERPROOFING, SEALING,
EASY TO CLEAN FOR
WOODEN SURFACES

Nano4-Wood® is a water based Nanotechnology product and it is completely environmentally friendly. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area.

Nano4-Wood® create an invisible protection against any dirt particles and from sunlight, moisture, moss, grasses, etc.

Nano4-Wood® also increases the durability of the materials applied with our product.

Surfaces coated with **Nano4-Wood®** are also highly resistant to stress and does not contain silicone or other harmful chemicals.

Nano4-Wood® does not change the look, feel or breathability of the surface.

The **Nano4-Wood®** is certified:

1. According to din ISO11507, (Artificial weathering with fluorescent UV lamps according to method A for different coatings on sandstone) by Polymer Service GmbH Institute.
2. According to din EN 12390 8 2009 (concrete depth of penetration of water under pressure) by A.P.E.B.
3. According to din EN 110545-14:1998 (determination of resistance to stains) by Tecnalia Institute Spain.



SURFACES ON WHICH CAN BE APPLIED:

- WOODEN STRUCTURES
- PERGOLAS
- WOODEN GARDEN FURNITURE
- WOODEN BOATS
- WOODEN ROOFS AND TRUSSES
- WOODEN FENCES
- WOODEN FLOORS
- WOODEN SURFACES WITH NO CHEMICAL PAINTS

PRODUCT QUALITIES

Absolute waterproofing.

It does not seal off the wood from breathing

Protect the surfaces from any stains, dirt.

It does not allow the salt to enter inside the wood pores.

Very easy removing the salt from the surfaces

Prevents the creation of algae, fungi, molds, blackness on the surfaces.

Absolute protection against ice

Not affected by the weather

Protects surfaces from UV radiation

It does not affect the surface color since it is 100% invisible.

Can be used as a substitute of water in waterborn paints.

CUSTOMER TARGETS

- WOOD HOME BUILDERS
- LOG CABIN BUILDERS
- CARPENTERS
- CONTRACTORS
- MANUFACTURERS OF WOOD SURFACES
- LANDSCAPERS

APPLICATION METHOD

For the best results surfaces should be sprayed at least twice (wet to wet), it is very important to spray the second hand before the first has dried, depending on the absorbency of the surface you want protected. The process may need to be repeated.

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

In addition to spraying, you may protect the surface with **Nano4-Wood®** using a brush, dipping or a paint roller. Results may vary depending on the application method.

After coating with **Nano4-Wood®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.

DURATION OF THE PROTECTION

Nano4-Wood® protection reaches up to 8 years, but if you feel the protection is wearing off you can re-apply.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-DECKWOODEN®



INVISIBLE PROTECTION,
WATERPROOFING, SEALING,
EASY TO CLEAN FOR WOODEN
DECK SURFACES

Nano4-Deckwooden® is a water based Nanotechnology product and it is completely environmentally friendly . After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area.

Nano4-Deckwooden® create an invisible protection against any dirt particles and from sea salt, sunlight, moisture, moss, grasses, etc.

Nano4-Deckwooden® also increases the durability of the wooden surfaces applied with **Nano4-Deckwooden®** .

Once applied, **Nano4-Deckwooden®** creates an invisible layer that prevents moisture to enter the surface, offering great resistance to chemical stress.

Nano4-Deckwooden® does not contain silicone or other harmful or toxic chemicals.

Nano4-Deckwooden® does not change the look, feel or breathability of the surface.

Nano4-Deckwooden® Can be used as a substitute of water in waterborn paints.

Nano4-Deckwooden® is certified:

1. According to din ISO11507, (Artificial weathering with fluorescent UV lamps according to method A for different coatings on sandstone) by Polymer Service GmbH Institute.
2. According to din EN 12390 8 2009 (concrete depth of penetration of water under pressure) by A.P.E.B.
3. According to din EN 110545-14:1998 (determination of resistance to stains) by Tecnalia Institute Spain



SURFACES ON WHICH CAN BE APPLIED:

- WOODEN BOATS
- WOODEN DECK FLOORS
- WOODEN STRUCTURES
- PERGOLAS
- WOODEN GARDEN FURNITURE
- WOODEN ROOFS AND TRUSSES
- WOODEN FENCES
- WOODEN FLOORS
- WOODEN SURFACES WITH NO CHEMICAL PAINTS.

PRODUCT QUALITIES

Absolute waterproofing.

It does not seal off the wood from breathing

Protect the surfaces from any stains, dirt.

It does not allow the salt to enter inside the wood pores.

Very easy removing the salt from the surfaces

Prevents the creation of algae, fungi, molds, blackness on the surfaces.

Absolute protection against ice

Not affected by the weather

Protects surfaces from UV radiation

It does not affect the surface color since it is 100%invisible.

Can be used as a substitute of water in waterborn paints.

CUSTOMER TARGETS

- BOAT OWNERS
- MANUFACTURERS OF WOODEN DECKS
- WOOD HOME BUILDERS
- LOG CABIN BUILDERS
- CARPENTERS
- CONTRACTORS
- MANUFACTURERS OF WOOD SURFACES
- LANDSCAPERS

APPLICATION METHOD

For the best results surfaces should be sprayed at least twice (wet to wet , it is very important to spray the second hand before the first has dried), depending on the absorbency of the surface you want protected. The process may need to be repeated.

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

In addition to spraying, you may protect the surface with **Nano4-Deckwooden®** using a brush, dipping or a paint roller. Results may vary depending on the application method.

After coating with **Nano4-Deckwooden®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.

DURATION OF THE PROTECTION

Nano4-Deckwooden® protection reaches up to 8 years, but if you feel the protection is wearing off you can re-apply.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.





Nano4-GLASSCERAMIC®

for commercial or industrial use*



INVISIBLE PROTECTION,
WATERPROOFING, SEALING,
EASY TO CLEAN FOR
GLASS SURFACES

All solid objects including glass surfaces have microscopic pores, invisible to the human eye where dirt can penetrate. Chemical detergents are used regularly to clean these objects but often times do not solve the problem.

Nano4- Glassceramic® brings an ecological solution with its nanoparticles that seal and protect the surface area so that foreign particles do not find a way to penetrate. Surfaces protected with **Nano4- Glassceramic®** allows dirt and bacteria to be easily removed with little water or simply with a cloth, protecting the environment from the use of chemical detergents typically used for cleaning.

Nano4- Glassceramic® contains UV inhibitors protecting surfaces from the sun's radiation and gives to the glass a special toughness, making it much more secure.

The **Nano4- Glassceramic®** is certified:

1. According to din ISO11507, (Artificial weathering with fluorescent UV lamps according to method A for different coatings on sandstone) by Polymer Service GmbH Institute.
2. As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- WINDOWS OF HOUSES AND BUILDINGS
- GLASSWARE ITEMS
- SUNGLASSES, VISORS
- MOTORCYCLE HELMET VISORS
- CAR GLASS BACK AND SIDES
- SHOP WINDOWS
- PYREX GLASS
- KITCHEN CERAMIC HOTBED
- GLASS BLOCKS
- AND GENERALLY ALL GLASSES SURFACES

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- GLASS MANUFACTURERS
- MANUFACTURERS CERAMIC
- KITCHEN OUTBREAKS
- HOTELS
- RESTAURANTS
- SHIPS
- HOSPITALS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Glassceramic®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing of **Nano4- Glassceramic®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4- Glassceramic®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.



Nano4-TOILETBOWL®

for commercial or industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
TOILETBOWL SURFACES

All solid objects including toilet bowls and tile have microscopic pores, invisible to the human eye where dirt can penetrate. Chemical detergents are used regularly to clean these objects but often times do not solve the problem.

Nano4-ToiletBowl® brings an ecological solution with its nanoparticles that seal and protect the surface area so that foreign particles do not find a way to penetrate. Surfaces protected with **Nano4-ToiletBowl®** allows dirt and bacteria to be easily removed with little water or simply with a cloth, protecting the environment from the use of chemical detergents typically used for cleaning.

Nano4-ToiletBowl® contains UV inhibitors protecting surfaces from the sun's radiation and gives glass a special toughness, making it much more secure.

Nano4-ToiletBowl® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- HOME TOILETS
- PUBLIC TOILETS

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- | | |
|-------------|-----------------------------------|
| • HOUSES | • BUSES, SHIPS, AIRPLANES, TRAINS |
| • HOTELS | • PUBLIC TOILETS |
| • HOSPITALS | • SHOPS |

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-ToiletBowl®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing of **Nano4-ToiletBowl®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-ToiletBowl®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.





Nano4-BATHCARE®

for commercial or industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
PORCELAIN SURFACES

All solid objects including baths, porcelain and tile have microscopic pores, invisible to the human eye where dirt can penetrate. Chemical detergents are used regularly to clean these objects but often times do not solve the problem.

Nano4-Bathcare® brings an ecological solution with its nanoparticles that seal and protect the surface area so that foreign particles do not find a way to penetrate. Surfaces protected with Nano4-Bathcare® allows dirt and bacteria to be easily removed with little water or simply with a cloth, protecting the environment from the use of chemical detergents typically used for cleaning.

Nano4-Bathcare® contains UV inhibitors protecting surfaces from the sun's radiation and gives glass a special toughness, making it much more secure.

Nano4-Bathcare® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- POLISHED CERAMIC SURFACES
- KITCHEN BOWLS
- BOWLS
- BATHTUBS AND TOILETS
- BATHROOM TILES
- POOLS TILED
- ALL KINDS OF PORCELAIN

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- HOUSES
- HOTELS
- HOSPITALS
- BUSES, SHIPS
- AIRPLANES, TRAINS
- SHOPS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Bathcare®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing of **Nano4-Bathcare®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Bathcare®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.





Nano4-CHROMEMETAL®

for commercial or industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
CHROME METAL SURFACES

All solid objects including metal surfaces have microscopic pores, invisible to the human eye where dirt can penetrate. Chemical detergents are used regularly to clean these objects but often times do not solve the problem.

Nano4-Chromemetal® brings an ecological solution with its nanoparticles that seal and protect the surface area so that foreign particles do not find a way to penetrate. Surfaces protected with **Nano4-Chromemetal®** allows dirt and bacteria to be easily removed with little water or simply with a cloth, protecting the environment from the use of chemical detergents typically used for cleaning.

Nano4-Chromemetal® contains UV inhibitors protecting surfaces from the sun's radiation and gives glass a special toughness, making it much more secure.

Nano4-Chromemetal® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- STAINLESS STEEL SURFACES
- RESTAURANT KITCHENS SILVER
- SINKS
- HANDLES
- WALLS WITH STAINLESS STEEL
- SURFACES APPLIANCES
- LIGHTING FIXTURES
- LIFTS
- TICKETING MACHINES

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- HOUSES
- HOTELS
- HOSPITALS
- BUSES, SHIPS AIRPLANES, TRAINS
- PUBLIC TOILETS
- SHOPS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Chromemetal®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing of **Nano4-Chromemetal®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Chromemetal®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wipping.





Nano4-PLASTIC®

for commercial or industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
PLASTIC SURFACES

All solid objects including metal surfaces have microscopic pores, invisible to the human eye where dirt can penetrate. Chemical detergents are used regularly to clean these objects but often times do not solve the problem.

Nano4-Plastic® brings an ecological solution with its nanoparticles that seal and protect the surface area so that foreign particles do not find a way to penetrate. Surfaces protected with **Nano4-Plastic®** allows dirt and bacteria to be easily removed with little water or simply with a cloth, protecting the environment from the use of chemical detergents typically used for cleaning.

Nano4-Plastic® contains UV inhibitors protecting surfaces from the sun's radiation and gives glass a special toughness, making it much more secure.

Nano4-Plastic® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- ALL PLASTIC SURFACES
- POLYCARBONATE
- ABS
- PLASTIC GLASSES
- LAMINATE FLOORS

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- PLASTIC CHAIRS AND TABLES
- PLASTIC CAR PARTS
- MANUFACTURER OR DEALER OF RECREATIONAL BOATS, CARS
- MANUFACTURERS OF PLASTIC FURNITURE
- BOAT OWNERS
- MANUFACTURERS OF SWIMMING POOLS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Plastic®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing of **Nano4-Plastic®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Plastic®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.



Nano4-CARPOTECT®

for industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
EXTERNAL AUTOMOTIVE SURFACES

Nano4-carprotect® is a Nanotechnology product specially designed for the protection of your cars surface.

It is 100% environmentally friendly.

The **Nano4-carprotect®** with the power of nano-particles seal and protect the surface of the car so that particles such as insects, dirt and grime don't find a way to penetrate the surface. This allows your car to be cleaned with a little bit of water or simply a cloth.

Nano4-carprotect® protects the paint of the car from UV radiation and premature fading.

Apply **Nano4-carprotect®** on your car and save the trouble and expense of cleaning using various chemical detergents.

Nano4-carprotect® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- CARS
- VANS
- BUSES
- MOTORCYCLES
- TRAINS
- AIRPLANES

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- CARS
- TAXIS
- BUSES (SCHOOL, CITY, TOUR)
- TRAINS COMPANIES
- MOTORCYCLISTS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-carprotect®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing of **Nano4-carprotect®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-carprotect®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.



Nano4-CARGLASS®

for commercial or industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
AUTOMOTIVE GLASS SURFACES

Nano4-Carglass® is a Nanotechnology product specially made for car windshields, vessels, and surfaces where wipers are generally used. This product is completely environmentally friendly and ecological. The protective coat of SiO₂ provides an invisible and long-lasting protection for your windshield from dust, insects, dirt, etc.

Applying **Nano4-Carglass®** allows any dirt, insect splatter, and general road grime to be easily removed with a little water and without any mechanical or chemical means.

During winter **Nano4-Carglass®** allows easy removal of snow and ice as **Nano4-Carglass®** prevents water penetration on the windshield surface. At the same time when rain falls on the windshield **Nano4-Carglass®** breakdowns raindrops upon impact allowing rain to easily blow off your windshield while driving.

Visibility in the most severe rain improves significantly using **Nano4-Carglass®**. Speeds above 50 km in the rain allows you to drive without the wipers turned on as visibility for the driver is almost perfect.

Nano4-Carglass® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- CAR WINDSHIELDS
- VESSELS
- AIRCRAFT WINDSHIELD
- TRAINS, MOTORCYCLES
- AND GENERALLY WHERE WIPERS ARE USED

PRODUCT QUALITIES

Improves driving visibility in the most severe weather

Excellent visibility for the driver even without the use of wipers.

Excellent protection against dirt and water.

UV Protection

Prevents colour alteration on your dashboard from

UV sunlight

Easy to clean with a little water

Tree sap is very easy to remove

Resistance to abrasion. - Completely invisible.

Reduce the use of windshield wipers

Reduce the use of chemical detergents to 90%.

Helps protect the aquifer because of the large reduction of chemical cleaning products.

CUSTOMER TARGETS

- CARS, TAXIS
- BUSES (SCHOOL, CITY, TOUR)
- TRAINS COMPANIES
- MOTORCYCLISTS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Carglass®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing of **Nano4-Carglass®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Carglass®** lasts up to 20.000 Km provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.



Nano4-RIMS®

for commercial or industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
RIMS ON MOTORCYCLES AND CARS

Nano4-Rims® is a Nanotechnology product specially made for car and motorcycles wheels. This product is completely environmentally friendly and ecological. The protective coat of SiO₂ provides an invisible and long-lasting protection for your wheels preventing brake dust and dirt particles from penetrating into the pores or fibres of the rim.

Applying **Nano4-Rims®** allows any dirt, insect splatter, and general road grime to be easily removed with a little water and without any mechanical or chemical means.

Nano4-Rims® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- CARS
- VANS
- MOTORCYCLES

PRODUCT QUALITIES

Improves driving visibility in the most severe weather

Excellent visibility for the driver even without the use of wipers.

Excellent protection against dirt and water.

UV Protection

Prevents colour alteration on your dashboard from

UV sunlight

Easy to clean with a little water

Resistance to abrasion. - Completely invisible.

Reduce the use of chemical detergents to 90%.

CUSTOMER TARGETS

- CARS, TAXIS
- BUSES (SCHOOL, CITY, TOUR)
- TRAINS COMPANIES
- MOTORCYCLISTS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Rims®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing **Nano4-Rims®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Rims®** lasts up 20.000 Km provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.



Nano4-MOTOR BIKE®

for industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
EXTERNAL MOTOR BIKE SURFACES

Nano4-Motor bike® is a Nanotechnology product specially designed for the protection of your cars surface.

It is 100% environmentally friendly.

The **Nano4-Motor bike®** with the power of nano-particles seal and protect the surface of the car so that particles such as insects, dirt and grime don't find a way to penetrate the surface. This allows your car to be cleaned with a little bit of water or simply a cloth.

Nano4-Motor bike® protects the paint of the motorbike from UV radiation and premature fading.

Apply **Nano4-Motor bike®** on your motorbike and save the trouble and expense of cleaning using various chemical detergents.

Nano4-Motor bike® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- MOTORCYCLES

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- MOTORCYCLISTS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Motor bike®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing **Nano4-Motor bike®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Motor bike®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wipping.



Nano4-HELMET & VISOR®

for industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
HELMET AND VISOR SURFACES

Nano4-Helmet&visor® is a Nanotechnology product specially designed for the protection of your cars surface.

It is 100% environmentally friendly.

The **Nano4-Helmet&visor®** with the power of nano-particles seal and protect the surface of the car so that particles such as insects, dirt and grime don't find a way to penetrate the surface. This allows your car to be cleaned with a little bit of water or simply a cloth.

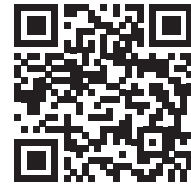
Nano4-Helmet&visor® protects the paint of the car from UV radiation and premature fading.

Apply **Nano4-Helmet&visor®** on your car and save the trouble and expense of cleaning using various chemical detergents

Nano4-Helmet&visor® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- MOTORCYCLES
- SKIERS

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- MOTORCYCLISTS
- SKIERS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Helmet&visor®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing **Nano4-Helmet&visor®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Helmet&visor®** lasts up to 20.000 Km provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wipping.



Nano4-MOTORBIKE CHROME®

for industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
MOTORBIKE CHROME SURFACES

As you now that all objects even what prey are microscopic pores, invisible to the human eye, within which infringes any dirt, such as powders, oils, gases, salt, etc. which we see daily in all subjects, which go to require hard work, enough money and use of chemical detergents, chemical detergents which do not solve the problem, simply remove the dirt but leave the resources there in a while so the dirt back.

This is to give a definitive solution Nanotechnology the product **Nano4-Motorbike Chrome®** is completely ecological.

The **Nano4-Motorbike Chrome®** the content thereof SiO₂ seal resources of the protected area so that dirt like fat, salt, meals not find a way to penetrate and stabilize, so they can be removed easily with a little water to sail without having to rub the surface by mechanical or chemical means.

At the same time **Nano4-Motorbike Chrome®** prevent UV radiation to alter the color or quality of protected materials.

The coating is extremely strong, because you embody the overlapping area matches the material and thus allows for optimization of the protective function.

Nano4-Motorbike Chrome® is certified: (Click here in order to see all of our certifications)

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- MOTORCYCLES

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- MOTORCYCLISTS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.

Spray and rub well the surface with the **Nano4-Motorbike Chrome®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-Motorbike Chrome®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Motorbike Chrome®** [read here](#)

2. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Motorbike Chrome®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing **Nano4-Motorbike Chrome®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Motorbike Chrome®** lasts up to 20.000 Km provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wipping.



Nano4-MC JACKET®



INVISIBLE SEALING,
WATERPROOFING
AND EASY TO CLEAN
FOR MOTORBIKE JACKET

Nano4-Motorbike jacket® is a water based Nanotechnology product. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area so no foreign liquid or oily substance can penetrate the fabric or textile, reducing the chance of permanent staining.

Humidity, water, coffee, ketchup, wine, coffee, oil, syrup, sauces, and other hot or cold liquids are easily removed from the fabric or textile when it's protected with **Nano4-Motorbike jacket®**.

All accidental spills are simply blotted up and removed with a dry or slightly damp cloth and the fabric goes back to its original state as if nothing had happened.

Whether you want to stay dry or protect your valuables from stains that may occur during your daily activities, you can always count on **Nano4-Motorbike jacket®**.

Nano4-Motorbike jacket® does not change the look, feel or breathability of the textile.

Nano4-Motorbike jacket® has no effect on the skin.

Nano4-Motorbike jacket® is certified:

1. As a ECOLOGY product from the Hohenstein Textile Testing Institute GmbH & Co. KG and can be used for the production of human- ecological optimized textiles under specifications of the Oeko-Tex® Standard 100, product classes I- IV.
2. According to ISO 11507, method A for a coating on textile Artificial weathering with fluorescent UV lamps by Polymer Service GmbH Institute.
3. According to DIN EN 20811:1993 (determination of resistance to water penetration. Test under hydrostatic pressure) by Tecnia Institute Spain.
4. According to DIN EN ISO4920:2013 (determination of the fabric resistance to wetting) by Tecnia Institute Spain.
5. According to DIN BS 7209:1990 (water vapour permeability) by Tecnia Institute Spain.
6. According to DIN UNE-EN ISO 105-B02:2013 (colour fastness to artificial light Xenon arc fading lamp test) by Tecnia Institute Spain.
7. According to DIN UNE-EN 31092:1996 (water vapour resistance and Thermal resistance) by Tecnia Institute Spain.



SURFACES ON WHICH CAN BE APPLIED:

- FURNITURE
- CARPETS, AND RUGS
- CANVAS BOAT SAILS
- CAR SEATS
- CHILD SEATS
- SWIMMING POOLS COVERS
- THEATRE SEATS
- BAGS, PURSES
- SAILS SAILING
- TENTS
- UMBRELLAS
- LEATHER (WITHOUT CHEMICALS)

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- HOMEOWNERS
- FURNITURE RETAILERS
- MANUFACTURERS OF CARPETS AND RUGS
- HOTELS AND RESTAURANTS
- CRUISE SHIPS AND BOATS
- MILITARY
- SPORTS CLUBS AND HUNTERS
- HOSPITALS
- PROFESSIONALS TAILORS

APPLICATION METHOD

1. Clean the fabric first, before using **Nano4-Motorbike jacket®** otherwise it will trap the existing dirt.
2. Spray the fabric with **Nano4-Motorbike jacket®** from 15cm distance to slightly very wet the surface where you want to protect. After coating with **Nano4-Motorbike jacket®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.
3. Another way to protect the fabric is by dipping.

DURATION OF THE PROTECTION

For fabrics washed regularly, the protection may last between 20 to 30 washes. You can re-apply **Nano4-Motorbike jacket®** to the fabrics to obtain the same results.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



Nano4-YACHT®

for industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
YACHT EXTERNAL PLASTIC SURFACES

As you now that all objects even what prey are microscopic pores, invisible to the human eye, within which infringes any dirt, such as powders, oils, gases, salt, etc. which we see daily in all subjects, which go to require hard work, enough money and use of chemical detergents, chemical detergents which do not solve the problem, simply remove the dirt but leave the resources there in a while so the dirt back.

This is to give a definitive solution Nanotechnology the product **Nano4-Yacht®** is completely ecological.

The **Nano4-Yacht®** the content thereof SiO₂ seal resources of the protected area so that dirt like fat, salt, meals not find a way to penetrate and stabilize, so they can be removed easily with a little water to sail without having to rub the surface by mechanical or chemical means.

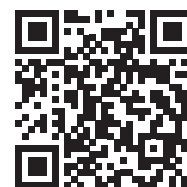
At the same time **Nano4-Yacht®** prevent UV radiation to alter the color or quality of protected materials.

The coating is extremely strong, because you embody the overlapping area matches the material and thus allows for optimization of the protective function.

Nano4-Yacht® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- EXTERNAL PLASTIC SHIP SURFACES
- FIBERGLASS
- GRP
- POLYCARBONATE
- ABS
- NEOPREN
- HYPALON

PRODUCT QUALITIES

Sealing and easy removal of stains, rust and sea salt deposits on ship surfaces.

The UV- stability offer durability for a number of years.

High-pressure /steam - cleaning resistant.

100% invisible.

Absolute resistance against ice.

Excellent chemical and mechanical resistance.

Excellent efficiency with small application.

Save time and money by reducing use of chemical detergents by 90%.

CUSTOMER TARGETS

- SHIP OWNERS

APPLICATION METHOD

- Before using the product clean the surface very well with traditional methods and rinse with water.
- Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
- The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Yacht®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing **Nano4-Yacht®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Yacht®** lasts up to 8 years provided that the application has been made in accordance with the instructions

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.



Nano4-SHIPINOX®

for industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
SHIP STAINLESS STEEL SURFACES

As you now that all objects even what prey are microscopic pores, invisible to the human eye, within which infringes any dirt, such as powders, oils, gases, salt, etc. which we see daily in all subjects, which go to require hard work, enough money and use of chemical detergents, chemical detergents which do not solve the problem, simply remove the dirt but leave the resources there in a while so the dirt back.

This is to give a definitive solution Nanotechnology the product **Nano4-Shipinox®** is completely ecological.

The **Nano4-Shipinox®** the content thereof SiO₂ seal resources of the protected area so that dirt like fat, salt, meals not find a way to penetrate and stabilize, so they can be removed easily with a little water to sail without having to rub the surface by mechanical or chemical means.

At the same time **Nano4-Shipinox®** prevent UV radiation to alter the color or quality of protected materials.

The coating is extremely strong, because you embody the overlapping area matches the material and thus allows for optimization of the protective function.

Nano4-Shipinox® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- ALL SHIP INOX METAL SURFACES
- STAINLESS STEEL SURFACES
- RESTAURANT KITCHENS SILVER
- SINKS
- HANDLES
- WALLS WITH STAINLESS STEEL SURFACES
- APPLIANCES
- LIGHTING FIXTURES
- LIFTS
- TICKETING MACHINES

PRODUCT QUALITIES

Sealing and easy removal of stains, rust and sea salt deposits on ship surfaces.

The UV- stability offer durability for a number of years.

High-pressure /steam - cleaning resistant.

100% invisible.

Absolute resistance against ice.

Excellent chemical and mechanical resistance.

Excellent efficiency with small application.

Save time and money by reducing use of chemical detergents by 90%.

CUSTOMER TARGETS

- SHIP OWNERS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-Shipinox®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing **Nano4-Shipinox®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-Shipinox®** lasts up to 8 years provided that the application has been made in accordance with the instructions

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wiping.



Nano4-BOAT GLASS®

for industrial use*



INVISIBLE PROTECTION, SEALING,
EASY TO CLEAN FOR
BOAT GLASS SURFACES

As you now that all objects even what prey are microscopic pores, invisible to the human eye, within which infringes any dirt, such as powders, oils, gases, salt, etc. which we see daily in all subjects, which go to require hard work, enough money and use of chemical detergents, chemical detergents which do not solve the problem, simply remove the dirt but leave the resources there in a while so the dirt back.

This is to give a definitive solution Nanotechnology the product **Nano4-boat glass®** is completely ecological.

The **Nano4-boat glass®** the content thereof SiO₂ seal resources of the protected area so that dirt like fat, salt, meals not find a way to penetrate and stabilize, so they can be removed easily with a little water to sail without having to rub the surface by mechanical or chemical means.

At the same time **Nano4-boat glass®** prevent UV radiation to alter the color or quality of protected materials.

The coating is extremely strong, because you embody the overlapping area matches the material and thus allows for optimization of the protective function.

Nano4-boat glass® is certified:

As a food safe product According to FDA overall migration analysis by the Intertek Wilton Institute U.K.

* The difference between commercial and industrial line is the number of Nanomaterials inside the solution. The Industrial line comes with double number of nanomaterials inside.



SURFACES ON WHICH CAN BE APPLIED:

- SHIP GLASS SURFACES

PRODUCT QUALITIES

Sealing and easy removal of stains, rust and sea salt deposits on ship surfaces.

The UV- stability offer durability for a number of years.

High-pressure /steam - cleaning resistant.

100% invisible.

Absolute resistance against ice.

Excellent chemical and mechanical resistance.

Excellent efficiency with small application.

Save time and money by reducing use of chemical detergents by 90%.

CUSTOMER TARGETS

- SHIP OWNERS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. Spray and rub well the surface with the **Nano4-Preclean®** with a cloth (use sparingly) in order to remove from the glossy surface chemical residues of the common cleanings we are using in order to clean the surfaces. Before the final coating the surface has to be dry, dust free, oil and grease free. **CAUTION:** The **Nano4-preclean®** it is not a stains removal cleaner and it is used only on glossy surfaces. For more info about **Nano4-Preclean®** read here
3. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Industrial application

For the best and economy installation you can use a HVLP spray gun.

Other application techniques

Spray the surface with **Nano4-boat glass®** in places 30 X 30 cm. The coated surface has to be polished with a cloth (use sparingly).

The curing **Nano4-boat glass®** occurs under ambient conditions for minimum 60 minutes up to one day. In case of higher atmospheric humidity longer curing times are necessary.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **Nano4-boat glass®** lasts up to 20.000 miles provided that the application has been made in accordance with the instructions

CONSUMPTION

With 1 liter you can cover up to 200 m² where the application is made by using spray gun type HVLP or approx. 100 m² if the application is made by hand wipping.





Nano4-MARINE TEXTILE®



INVISIBLE SEALING,
WATERPROOFING
AND EASY TO CLEAN
FOR MARINE TEXTILES

Nano4-Marine Textile® is a water based Nanotechnology product. After applying the product and upon completion of the curing process (24 hours), a thin layer of SiO₂ (silicon Dioxide) seals the protected area so no foreign liquid or oily substance can penetrate the fabric or textile, reducing the chance of permanent staining.

Humidity, water, coffee, ketchup, wine, coffee, oil, syrup, sauces, and other hot or cold liquids are easily removed from the fabric or textile when it's protected with **Nano4-Marine Textile®**.

All accidental spills are simply blotted up and removed with a dry or slightly damp cloth and the fabric goes back to its original state as if nothing had happened.

Whether you want to stay dry or protect your valuables from stains that may occur during your daily activities, you can always count on **Nano4-Marine Textile®**.

Nano4-Marine Textile® does not change the look, feel or breathability of the textile.

Nano4-Marine Textile® has no effect on the skin.

Nano4-Marine Textile® is certified:

1. As a ECOLOGY product from the Hohenstein Textile Testing Institute GmbH & Co. KG and can be used for the production of human- ecological optimized textiles under specifications of the Oeko-Tex® Standard 100, product classes I- IV.
2. According to ISO 11507, method A for a coating on textile Artificial weathering with fluorescent UV lamps by Polymer Service GmbH Institute.
3. According to DIN EN 20811:1993 (determination of resistance to water penetration. Test under hydrostatic pressure) by Tecnia Institute Spain.
4. According to DIN EN ISO4920:2013 (determination of the fabric resistance to wetting) by Tecnia Institute Spain.
5. According to DIN BS 7209:1990 (water vapour permeability) by Tecnia Institute Spain.
6. According to DIN UNE-EN ISO 105-B02:2013 (colour fastness to artificial light Xenon arc fading lamp test) by Tecnia Institute Spain.
7. According to DIN UNE-EN 31092:1996 (water vapour resistance and Thermal resistance) by Tecnia Institute Spain.



SURFACES ON WHICH CAN BE APPLIED:

- FURNITURE
- CARPETS, AND RUGS
- CANVAS BOAT SAILS
- CAR SEATS
- CHILD SEATS
- SWIMMING POOLS COVERS
- THEATRE SEATS
- BAGS, PURSES
- SAILS SAILING
- TENTS
- UMBRELLAS
- LEATHER (WITHOUT CHEMICALS)

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- HOMEOWNERS
- FURNITURE RETAILERS
- MANUFACTURERS OF CARPETS AND RUGS
- HOTELS AND RESTAURANTS
- CRUISE SHIPS AND BOATS
- MILITARY
- SPORTS CLUBS AND HUNTERS
- HOSPITALS
- PROFESSIONALS TAILORS

APPLICATION METHOD

1. Clean the fabric first, before using **Nano4-Marine Textile®** otherwise it will trap the existing dirt.
2. Spray the fabric with **Nano4-Marine Textile®** from 15cm distance to slightly very wet the surface where you want to protect. After coating with **Nano4-Marine Textile®** the surface takes 24 to 48 hours (at 20°C) to be fully cured. The time required for curing may vary depending on ambient temperatures.
3. Another way to protect the fabric is by dipping.

DURATION OF THE PROTECTION

For fabrics washed regularly, the protection may last between 20 to 30 washes. You can re-apply **Nano4-Marine Textile®** to the fabrics to obtain the same results.

CONSUMPTION

The amount of product needed each time depends on the method of application and the porous of the surface. In any case the consumption will be between 30ml/m² and 200ml/m². This means that 1 liter can cover the surface of 5m² to 33m². We recommend to test each type of surface first to determine the absorption of the surface. An easy test to calculate the absorption of the surface is to wet 1m² of the surface by using normal water. By this way you can see what is the exactly consumption for each surface.



CSC4-CARPROTECT®



CLEANING, SHINING, INVISIBLE
SEALING PROTECTION AND EASY TO
CLEAN FOR EXTERNAL AUTOMOTIVE
SURFACES (external automotive surfaces)

After years of studies in our laboratories in Germany our company NANO4LIFE EUROPE® proudly presents in world exclusive the new generation of Hybrid Nanotechnology 3 in 1 with its distinctive name CSC® (Clean-Shine-Coat®).

These products when applied to a surface providing 3 applications.

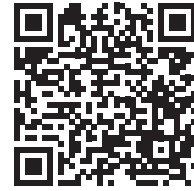
Clean, by using a powerful nanotechnology cleaning components the products CSC® (Clean-Shine-Coat) clean the surface of all dirt's, environmental pollutants, and blackness that exist on the surface and you can't remove with traditional methods.

Shine, by using a powerful Gel coat components the products CSC® (Clean-Shine-Coat®) cover scratches or other gaps on the surface, while shiny surfaces and give them the shine they had when they were new.

Coat, the **CSC4-CarProtect®** using nanoparticles of silicon dioxide SiO₂ and using the latest nanotechnology SolGel, seal the protected surface area which reduces adhesion of dirt particles such as greasy and oily substances, lime as well as environmental pollutants due to its hydrophobic and oleophobic effect, so that dirt like fat, salt, meals not find a way to penetrate and stabilize, so they can be removed easily with a little water to sail without having to rub the surface by mechanical or chemical means.

At the same time **CSC4-CarProtect®** prevent UV radiation to alter the color or quality of protected materials.

The coating is extremely strong, because you embody the overlapping area matches the material and thus allows for optimization of the protective function.



SURFACES ON WHICH CAN BE APPLIED:

- CARS
- VANS
- BUSES
- MOTORCYCLES
- TRAINS
- AIRPLANES

PRODUCT QUALITIES

Easy cleaning and anti-blur protection of glossy surfaces.

It contains no silicones, waxes or oils.

Provides antibacterial protection.

Huge resistance to chemical and mechanical stresses.

Completely invisible.

Effective protection against wear of the glass.

Withstand friction and high temperatures.

Frost resistance

Protects against UV sunrays

Saving money by reducing the use of chemical detergents to 90%.

CUSTOMER TARGETS

- CARS
- TAXIS
- BUSES (SCHOOL, CITY, TOUR)
- TRAINS COMPANIES
- MOTORCYCLISTS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Methods:

1. Apply liberally with a clean paper, linen or microfiber cloth using circular motions.
2. An application time of 15-20 minutes is recommended for optimum effect.
3. Remove the white residue with a polishing machine. We recommend high speed and surface pressure. The polishing pad may need to be changed if it was contaminated too much by the residue.

This SiO₂ coating is fully integrated and cured after 24 hours. The easy to-clean effect can be tested for the first time after this curing phase.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **CSC4-CarProtect®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 30-40 m²



CSC4-YACHT®



CLEANING, SHINING, INVISIBLE
SEALING PROTECTION AND
EASY TO CLEAN FOR EXTERNAL
PLASTIC YACHT SURFACES

After years of studies in our laboratories in Germany our company NANO4LIFE EUROPE® proudly presents in world exclusive the new generation of Hybrid Nanotechnology 3 in 1 with its distinctive name CSC® (Clean-Shine-Coat®).

These products when applied to a surface providing 3 applications.

Clean, by using a powerful nanotechnology cleaning components the products CSC® (Clean-Shine-Coat) clean the surface of all dirt's, environmental pollutants, and blackness that exist on the surface and you can't remove with traditional methods.

Shine, by using a powerful Gel coat components the products CSC®(Clean-Shine-Coat®) cover scratches or other gaps on the surface, while shiny surfaces and give them the shine they had when they were new.

Coat, the **CSC4-Yacht®** using nanoparticles of silicon dioxide SiO₂ and using the latest nanotechnology SolGel, seal the protected surface area which reduces adhesion of dirt particles such as greasy and oily substances, lime as well as environmental pollutants due to its hydrophobic and oleophobic effect, so that dirt like fat, salt, meals not find a way to penetrate and stabilize, so they can be removed easily with a little water to sail without having to rub the surface by mechanical or chemical means.

At the same time **CSC4-Yacht®** prevent UV radiation to alter the color or quality of protected materials.

The coating is extremely strong, because you embody the overlapping area matches the material and thus allows for optimization of the protective function.



SURFACES ON WHICH CAN BE APPLIED:

- EXTERNAL PLASTIC SHIP SURFACES
- FIBERGLASS
- GRP
- POLYCARBONATE
- ABS
- NEOPREN
- HYPALON

PRODUCT QUALITIES

Excellent protection against liquids, oil and dirt

Protection against bacteria

Contains UV inhibitors

Very easy to clean with water

Completely invisible

Reduction of chemical detergents by 90%

Eco-friendly by reducing use of chemicals

CUSTOMER TARGETS

- SHIP OWNERS

APPLICATION METHOD

1. Before using the product clean the surface very well with traditional methods and rinse with water.
2. The treatment of the target surface should be carried out under ambient conditions. Use only on room tempered surfaces (between 10° C and 40° C).

Methods:

1. Apply liberally with a clean paper, linen or microfiber cloth using circular motions.
2. An application time of 15-20 minutes is recommended for optimum effect.
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This SiO₂ coating is fully integrated and cured after 24 hours. The easy to-clean effect can be tested for the first time after this curing phase.

DURATION OF THE PROTECTION

The protection life of surfaces applied with **CSC4-Yachtt®** lasts up to 8 years provided that the application has been made in accordance with the instructions.

CONSUMPTION

With 1 liter you can cover up to 30-40 m²



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