What is NANO-CERAMIC Thin Film Coating?

NANO-CERAMIC is a revolutionary, ultra-durable, ceramic clear-coating that provides superior scratchresistance and semi-permanent protection for all vehicle finishes, paints and exterior surfaces.

What makes NANO-CERAMIC Thin Film Coating so different?

NANO-CERAMIC is more than 4 times stronger than factory paint finishes and can absorb damage that would otherwise affect the appearance and integrity of your paint. This extremely durable ceramic coating reduces swirl marks and light scratches while protecting and preserving factory paint.

Conventional paints like acrylic urethane are simply not strong enough.

NANO-CERAMIC is completely resistant to acidic environmental substances like bird droppings, bug residue, acid rain, and tree sap, unlike your vehicle's factory paint, which can be permanently etched and damaged by these substances. NANO-CERAMIC provides advanced protective barriers to your vehicle's surfaces, maintaining both high-gloss and matte finishes.
What are the benefits of applying NANO-CERAMIC Thin Film Coating?

NANO-CERAMIC provides vehicles with a superior, near-permanent, clear coating that is resistant to chemical etching, harder than factory paint finishes, and able to greatly reduce swirl marks and fine scratches while leaving a superior, hydrophobic surface that is easier to clean and stays cleaner longer.

Clearcoat, Glass vehicle materials can be treated with one of our CERAMIC Restore the color and shine to plastic trim with advanced hydrophobic and UV protection. Even chrome, aluminum, and other metals can have added protection, as our coatings can withstand temperatures of over 1500°F.

**Step 1** The surface layer of factory clear coat is damaged and contaminated.

**Step 2** Decontamination and polishing the clear coat to produce a smooth and even surface.

**Step 3** Restoration of coating thickness with a super-durable layer of NANO-CERAMIC
What is NANO-CERAMIC Permanent Coating?

NANO-CERAMIC permanent coating is the latest generation of protective coating which transforms paint into a hard ceramic, providing superior scratch resistance and permanent protection for all exterior or interior surfaces.

NANO-CERAMIC permanent coating is 600°F resistant and more than 6 times stronger than traditional acrylic based paint finishes, and is effectively preventing damage that would otherwise affect the appearance and integrity of the original surface.

Zero Maintenance for 3 decades to come!

Our NANO-CERAMIC permanent coating is rigorously tested by an independent testing laboratory according to the European standard for outdoor paints (EN 1504-2).

Can NANO-CERAMIC Permanent Coating be applied on any surface?

The NANO-CERAMIC permanent coating can be applied directly or indirectly on all kinds of interior and/or exterior surfaces (absorbing and non-absorbing), such as concrete, steel, wood, acrylic, gypsum and many more.

Is NANO-CERAMIC Permanent Coating self-cleaning?

NANO-CERAMIC permanent coating provides a permanent hydrophobic surface that is self cleaning, easier to clean and stays cleaner longer as water and dirt can not penetrate the ceramic layer. NANO-CERAMIC permanent coating is resistant to water vapor and water absorption.
Cross Section of Coating System

SI03 Max Gloss
SI05 Max Matt

SI11 Transparent
SI12 Transparent Matte

Epoxy
Acrylic
Polyurethane
(conventional car paint is a mixture of Acrylic-Urethane)

Zinc Rich Primer
(if corrosive circumstances)

0.4 mills
0.10mm
5-10 micron

4 mills
0.20mm
200 micron

8 mills
0.10mm
100 micron

There is no better option than protecting your fleet with a NANO-CERAMIC Thin Film or Permanent Coating!

Do not wait till the surface get worse, most easy is to apply wipe or spray when the surfaces are still in new or in nearly new condition and the cost do not outweigh the benefits

Apply yourself or contact one of nearest installers to apply it for you..
Thin Film Protection Plan for Trucks and Buses

**SI05 Max**
Diamond Gloss
5-Year+ Protection
Hydrophobic Micro-Scratch-Resistant H9+++

**SI03 Max**
Ultra Wet Look Gloss
5-Year+ Protection
Hydrophobic Scratch-resistant H9++

**SI02**
Safety Vision Windshield Coating (INCLUDED FREE)

**SIBC**
Gorilla Basecoat
Non-Hydrophobic Semi Permanent Protection H9++
Clearcoat Hardener

**SIRP**
Windshield Maintenance
3-MONTH CYCLE

**SHRE**
Pure Shine Shampoo

**MPCL**
Multi Purpose Interior Cleaner

NANO-CERAMIC®
The New Generation Coatings
NANO-CERAMIC.COM
Permanent Coating Protection Plan for Trucks and Buses (inclusive undercoating & rustproofing)

SI11 Gloss  SI12 Matte
Transparent Sprayable 2-Component 30 Years+ Protection
Permanent Hydrophobic Scratch-resistant H9++

SIRP Windshield Maintenance 3-MONTH CYCLE

SHRE Pure Shine Shampoo
MPCL Multi Purpose Interior Cleaner
**SI03 MAX GLOSS**

**Body & Windshield Protection**
Clearcoat / Glass / Chrome

<table>
<thead>
<tr>
<th>Product ID</th>
<th>SIO3150-MAX-GLOSS 3x1.7oz 10 Micron</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SIO5150-MAX-MATTE 3x1.7oz 5 Micron</td>
</tr>
<tr>
<td>Consumption</td>
<td>+/- 0.007oz/ft²</td>
</tr>
<tr>
<td>Reachable area</td>
<td>+/- 250ft² (+ 250ft² Windshield Coating)</td>
</tr>
<tr>
<td>Used for</td>
<td>Clearcoat, acrylic, glass, chrome</td>
</tr>
<tr>
<td>Application field</td>
<td>Automotive</td>
</tr>
</tbody>
</table>

Your Fleet will stand out! These Kit-Set contain all to make trucks an busses protected with a High-Tech ceramic layer.

- Two simple steps: Clean with our Steril Cleaner and Apply
- The original surface is protected against corrosion.
- Makes the surface anti scratch, much easier and quicker to clean, and the adhesion of dirt is reduced drastically.
- Promotes more hygienic surfaces.

This coating has an outstanding hydrophobic effect, and the surface stays cleaner longer. Cleaning intervals as well as the formation of water spots will be greatly reduced.

Lasts for 5 Years+ (2 Years on Glass)
SIO5 MAX MATTE

Body & Windshield Protection
Clearcoat / Glass / Chrome

Product ID : SIO5150-MAX-MATTE  3x1.7oz  5 Micron
Consumption : +/- 0.007oz/ft²
Reachable area : +/- 250ft² (+ 250ft² Windshield Coating )
Used for : Clearcoat, acrylic, glass, chrome
Application field : Automotive

How to use: Page 15

Your Fleet will stand out! These Kit-Set contain all to make
trucks an busses protected with a High-Tech ceramic layer.

• Two simple steps: Clean with our Steril Cleaner and Apply
  The original surface is protected against corrosion.
  Makes the surface anti scratch, much easier and quicker to
  clean, and the adhesion of dirt is reduced drastically.
  Promotes more hygienic surfaces.

This coating has an outstanding hydrophobic effect, and the
surface stays cleaner longer. Cleaning intervals as well as the
formation of water spots will be greatly reduced.

Lasts for 5 Years+ (2 Years on Glass )
CLEAN
Steril Cleaner
Hard Surfaces

Product ID  : CLEAN0500 16oz / CLEAN5000 1.32gal
            CLEAN020L 5gal
Consumption : +/- 0.01oz/ft²
Used for   : Glass, ceramics, mirrors, marble wood steel
Application field : Automotive

100% Steril with nano interlock technology (active lifting encapsulate the grease from the surface)

- Surface cleaning and residue removal.
- Cleaning gloves, notebooks, phones or any other item entering the cleanroom.
- Wipe down for pass-through to controlled environments.
- Pretreatment for the application of thin film coating

100% Steril
SIRP
Repellent Protector
Windshield / Mirrors

Product ID: SIRP0500 16oz  SIRP5000 1.32gal
SIRP020L  5gal
Consumption: +/- 0.007oz/ft²
Used for: Glass, acrylic, chrome, vinyl
Application field: Automotive

SIRP is an ultra long-lasting invisible surface coating which forms semi-permanent molecular bonds with the surface. The main function of treating hard surfaces with SIRP is to seal tiny pores, making it a smoother surface that will repel water and contaminants. This product is indispensable for bathrooms.

- Two simple steps: Clean with our Steril Cleaner and Apply
- Makes the surface much easier and quicker to clean, and the adhesion of dirt is reduced drastically.
- Promotes more hygienic surfaces
- This coating has an outstanding hydrophobic effect, and the surface stays cleaner longer. Cleaning intervals as well as the formation of water spots will be greatly reduced.

Will last 12 washes

How to use: Page 15

How to use:

- Easy to apply
- Indoor
- Outdoor
- Cut cleaning costs
- Anti-water spot
- Super hydrophobic
- Self-cleaning
- Stays cleaner longer
- Visibility
- Safety

Applicator:
Pure Shine Shampoo
All Surfaces Interior Exterior

Product ID: SHRE1000 32oz / SHRE5000 1.32gal
SHRE020L 5gal
Consumption: 0.7oz : 2.5gal Water
Used for: Daily cleaning
Application field: Automotive

Reactivating Pure Shine Shampoo is an advanced technology, multi-purpose foaming cleaner containing a rinsing aid that will leave hard surfaces nearly dry after rinsing with clean water.

To assure the "easy-to-clean" effect that our nano layers provide, surfaces should be free of dyes, waxes or polymer sealants.

This multi-purpose cleaner contains no polymers or colors and will not leave a film of chemicals behind on the surface.

100% Safe to use for cleaning all non-porous surfaces and meets food grade classification for kitchens.

Contains no colouring chemicals which can discolor surfaces.

Dilution ratio 1: 500 (super economical)
MPCL

Multi Purpose Cleaner
All Surfaces

Product ID: MPCL0500 16oz / MPCL5000 1.32
MPCL020L 5gal
Consumption: 0.017oz/ft²
Used for: Cleaning all interior surfaces
Application field: Automotive

The All-Purpose Cleaner is a fast, all-surface interior cleaner, low foaming, odor free, and especially suitable for removing stubborn stains from carpets, fabrics, vinyl, plastics and leather safely.

- It is very easy to clean dirt.
- Ready-to-use mixture with the right chemical strength and safe to use
- Of course it is safe for the surface of fabrics, carpets, plastics, leather, rubber and does not fade paint.
- Quickly remove dirt, dust and food scraps

Safe to use does not harm the surface
Only this High Quality Polish Compound together with the above mentioned pads assure that every car can be polished from deep scratches till high gloss/zero swirl in one single step. This saves an enormous amount on working hours as polishing takes normally 65% of the total process to make a truck or bus a nano layer.

RECOMMENDED POLISH PADS

Purple Wool Heavy Cutting Pad cuts like natural sheepskin but finishes like a polish pad. Aggressively removes P1500 grit scratches, leaving a lustrous finish with no hazing by reducing compounding swirls.

The Cutting Pad is constructed with a blue foam and white microfiber. The Micro Cutting Pad with orange foam and white microfiber, the Polishing Pad is constructed with a black foam and black microfiber.

The pad series is available 5.5 inch and 3 inch.
HOW TO USE:

NANO-CERAMIC SIRP-SIO3-SIO5 MAX Thin film coatings

These products can be stored for up to 24 months (in a dry, temperature-stable, dark environment)

Ambient temperature:
41-86°F - Avoid direct sunlight and/or high air humidity.

CLEANING
Clean the surface thoroughly with our Steril Cleaner until it is absolutely clean. If necessary, use our Scrub Cleaner or Reactivating Pure Shine Shampoo in advance. Make sure that all contamination is removed so that the glass coating can bind properly onto a clean surface. Make sure that the surface is completely dry before application!

APPLICATION OF SIRP
Spray a layer of nano SIRP on the surface and rub it in with a dry microtowel, keep rubbing it into the surface with strong pressure and wipe until all the product is even and scrubbed and only a little hazing / residue is visible gently wipe off this hazing / residue with a clean microfiber cloth after about a minute. There is only a little pressure needed to remove the hazing completely. Curing time 1 hour.

APPLICATION OF SIO3-SIO5-MAX
Our coatings have best results on new or almost like new surfaces, we recommend to polish the surface if needed. Wear nitril gloves to clean the surface with our Steril Pretreatment Cleaner. (without wearing gloves, the oil from your hands may appear via the towel onto the surface)!! Use more than one clean cloth to remove the dirt from the surface. (Please make sure you don't brush the dirt around on the surface by using dirty clothes.) Making the clearcoat-chrome-glass-surface clean is the most important issue. If the surface is not super steril than you will experience chemical reactions between our coatings and the still available contamination what is then visible into the ceramic layer when it is cured. In that case you will need to polish the surface again. So please don't hurry in carrying out this preparation work, but instead focus on this for 100%.

Learn the right application technique > Watch and Study the Apply Video scanning the QR Code on this page or on the packaging.

(fragment BASE COAT)
Use nitril gloves! Remove the plastic inner closure from the bottle and put in the dripper. Shake bottle before use! We recommend to apply the surface in easy to handle segments of about (15" x 15"") following the panels shape and corner lines and use these lines for overlaps. Put 8-10 drops BASE COAT on the suede mini towel using the applicator block underneath, devide the coating properly by going 3 times over the same surface, wait till it lights up (+/- 25sec) and remove the residue carefully, and buff it lightly use a separate micro towel for this. Wait 2 hours before you continue with the application of one of our hydrophobic Top Coatings. After 2 hours BASE COAT is 80% cured and ready to receive one of our TOP COATINGS. After about 7 days the BASE COATING has been fully cured and is almost unremovable.

(fragment TOP COAT SIO3-SIO5-MAX)
Use nitril gloves! Remove the plastic inner closure from the bottle and put in the dripper. Shake the bottle before use! We recommend to apply the surface in easy to handle segments following the panel shape and corner lines and use these lines for overlaps. Put 6-8 drops (15" x 15"") if start use more drops as the towel is otherwise too dry TOP COATING on the suede mini towel using the applicator block underneath. Start dividing it from out of the middle of the surface and keep spreading it arround by light pressure in criss-cross motions. until the product is evenly distributed MOST IMPORTANT keep on doing this till no product residue is visible anymore. If you use too much coating and/or spreading it out from example one start position in a corner of a panel then you will not be able to divide it properly towards the other side and it will roll-up on each other and form a not equal layer. To use too much coating and not divide it equally is the second most critical point !! When you apply TOP COATING in this correct way, then there is no need to use a micro towel for polishing anymore.

(fragment SAFETY VISION)
Apply the nano layer SAFETY VISION COATING with the cotton apply pad. Spread 10-15 drops (20" x 25"") of SAFETY VISION COATING on the cotton pad and apply rubb it in motions on the windshield with firm pressure until all of the product is evenly distributed and only very little residue is visible. Remove the coating residue with a soft clean microfiber cloth after about a minute and buff the glass/panels gently to take the veils away. There is not much pressure necessary to remove it completely. Note: dry the dripper and close the bottles tightly if you want to save the content for future use. At normal ambient temperature the Nano layers are sufficiently cured after approximately 6 hours (or 2 hours Infrared) (avoid water contact during this time).
# SI11 2-Component (2K)

## Ceramic Coating Transparent for Glossy surfaces

| Product ID          | SI111000 34oz / 2.8 lbs Transparent Gloss  
|                     | SI112500 85oz / 5.7 lbs Transparent Gloss  |
| SprayThickness      | Body 50-75 micron, Trailer 100-150 micron |
| Reachable area      | 2.8 lbs Body +/- 100ft² Trailer 50ft²     |
| Used for            | Clearcoat                                  |
| Application field   | Automotive                                  |

SI11 is an incredibly strong 2-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 300°C.

Will last permanently for up to 30 years+.

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**How to use**: Page 18

- Easy to apply
- Cut cleaning costs
- Anti-water spot
- Anti-corrosion
- Super hydrophobic
- Self-cleaning stays cleaner longer
- Anti-scratch
- Visibility
- Protects your investment

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**Applicator**:

1. **NANO-CERAMIC**
2. **THE NEW GENERATION COATINGS**
3. **NANO-CERAMIC.COM**
SI12 2-Component (2K)

Ceramic Coating Transparent for Matte surfaces

**Product ID**: SI121000 34oz / 2.8 lbs Transparent Matte

**Spray Thickness**: Body 50-75 micron, Trailer 100-150 micron

**Reachable area**: 2.8 lbs Body +/- 100ft² Trailer 50ft²

**Used for**: Clearcoat, acrylic, glass, chrome

**Application field**: Automotive

SI12 is an incredibly strong 2-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 300°C.

Will last permanently for up to 30 years+.
How to use our Permant Coating System:

Application information
The SI11/SI12/SI13/SI15 coatings can be applied directly or indirectly on all surfaces (porous and non-porous) such as concrete, steel, wood, acrylic, gypsum, painted or unpainted surfaces, indoors, or outdoors. The surface underneath will be superbly protected against erosion and corrosion and will stay cleaner longer. Cleaning becomes quicker, easier, and less expensive, as special cleaning agents are unnecessary.

Preparation
Make sure the surface is free from any contamination and dirt. A zinc rich primer can be used in case of corrosive circumstances. Warning the surface must be completely dry before application and must stay dry for 6 hours after application!

The 2-Component Permanent Coating System
Mix the can SI11B-SI12B with the can of SI11A-SI12A by pouring can B into can A, or measure exactly by net weight in a ratio of 7:3 and mix very well.

Carefully pour the mixed contents into a professional paint sprayer, and spray in thin layers until the surface reaches a thickness between 50-150 μm / 0.002-0.006” after drying.

Depending on the surface, material and structure, different application techniques can be used (such as paint rollers or brushes). Let the surface dry for 24 hours. It is touch-dry in 1 hours, after 4 hours, 85% cured, and the remaining 15% (transformation into ceramics) is fully cured after 7 days.

Be aware that the mixed contents cannot be stored longer than 3 hours. The surface can simply be maintained with a high pressure washer at 80 bar using our biologically degradable Reactivating Shampoo.

Tool cleaning
The individual components, as well as the mixing system of the paint sprayer, can be diluted and cleaned using our Steril Cleaner.
Maintenance Plan

Step 1
Washing

Step 2
Polishing

Step 3
Steril Cleaner

Step 4
Basecoat / SI11 or SI12
Curing time: 2 hours

Step 5
Nano Layer
Hydrophobic Topcoat

Step 6
Curing time: 6 hours in ambient temperature

MSDS (Safety Data) TEST (EN 1504-2)
Did you know?
That our coatings are made of pure silica sand, which is the most common element on Earth?