# NANO-CERAMIC®

WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS



**Transportation** Clean & Protect

# What is NANO-CERAMIC Thin Film Coating?

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

HARDNESS VIDEO SCAN QR CODE

Jetpack VideoPress

## What makes NANO-CERAMIC Thin Film Coating so different?

NANO-CERAMIC Thin Film Coating 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.

ISO 9001 SGS

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NANO-CERAMIC Thin Film Coating 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 Thin Film Coating provides advanced protective barriers to your vehicle's surfaces, maintaining both high-gloss and matte finishes.

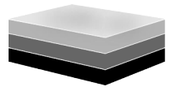




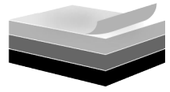
# What are the benefits of applying NANO-CERAMIC Thin Film Coating?

NANO-CERAMIC Thin Film Coating 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.

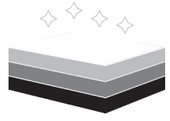
Clearcoat, Glass vehicle materials can be treated with one of our NANO-CERAMIC Thin Film CERAMIC Restore the color and shine to plastic trim with advanced hydrophobic and UV protection. Even chrome, aluminum, and other metals can have added protection, as our coatings can withstand temperatures of over 850°C



**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 Thin Film





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# SIO3 GLOSS

## Body & Windshield Protection
for clearcoat / glass / chrome




**Article Nr** : SIO3BKIT 50 ml 6 Micron SIO2BKIT 50 ml 2 Micron
**Consumption** : +/- 2 ml/m²
**Reachable area** : +/- 25 m² Body panels + 25 m² Windshield
**Used for** : Body panels, windshields, chrome, plastics, vinyl canopies
**Application field** : Transportation

**How to use:** Page 33

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

Your Fleet will stand out! These Kit-Sets 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 corrossion.
- 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.

**Applicator:**



Lasts for 5 Years+ (1 Years on Glass )







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# SIO5 MATTE

## Body & Windshield Protection
for clearcoat / glass / chrome




**Article Nr** : SIO5BKIT 50 ml 6 Micron SIO2BKIT 50 ml 2 Micron
**Consumption** : +/- 2 ml/m²
**Reachable area** : +/- 25 m² Body panels + 25 m² Windshield
**Used for** : Body panels, windshields, chrome
**Application field** : Transportation

**How to use:** Page 33

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- **Cut cleaning costs**
- **Anti-water spot Anti-corrossion**
- **Super hydrophobic**
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- Promotes more hygienic surfaces.

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**Applicator:**



Lasts for 5 Years+ (1 Years on Glass )



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# STEP

## One Step Polish
for scratch removal



**Product ID** : STEP0250 250 ml
**Consumption** : 5 ml/m²
**Used for** : Clearcoat, glass and acrylic
**Application field** : Automotive

### ONE STEP POLISH

Only this High Quality Polish Compoud 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 serie is available 5.5 inch and 3 inch.



SKU-40201008-5.5INCH
SKU-40201408-3.0INCH



SKU-40201101-5.5INCH
SKU-40201501-3.0INCH



SKU-40201206-5.5INCH
SKU-40201608-3.0INCH



SKU-40201302-5.5INCH
SKU-40201702-3.0INCH







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# CLEAN

## Steril Cleaner
for hard surface pretreatment




**Article Nr.** : CLEAN0500 500 ml
CLEAN5000 5 L / CLEAN02L 20 L
**Consumption** : +/- 3.3 ml/m²
**Used for** : Clearcoat, windshields, mirrors, plastics, steel
**Application field** : Transportation

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

**Easy to apply spray &wipe**

**Indoor Outdoor**

**Remove grease**

**100% Steril**

**Visibility Safety**

100% Steril

**Applicator:**





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# SHRE

## Pure Shine Shampoo
for all exterior surfaces




**Article Nr** : SHRE1000 1 L / SHRE5000 5 L / SHRE020L 20 L
**Consumption** : 20 ml : 10 Liter Water
**Used for** : Cleaning all exterior surfaces
**Application field** : Transportation

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.

**Easy to apply**

**Easy to clean**

**Stays cleaner longer**

**Food grade**

**Biodegradable**

**Applicator:**



Dilution ratio 1: 500 (super economical)







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# MPCL

## Multi Purpose Cleaner
for all interior surfaces




**Article Nr** : MPCL0500 500 ml / MPCL5000 5 L / MPCL020L 20 L
**Consumption** : 5 ml/m²
**Used for** : Cleaning all interior surfaces, incl carpet
**Application field** : Transportation

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

**Easy to apply spray & wipe**

**No discoloration**

**Indoor Outdoor**

**Quick to use**

**Spils are easy to remove**

**Cleaner for longer**

Safe to use does not harm or discolor the surface.

## What is NANO-CERAMIC UVA Topcoat?

NANO-CERAMIC® UVA Topcoat is an innovative low-VOC, non-PFAS, sprayable protective coating designed especially for the demanding conditions of trucks and buses. This self-leveling system forms an ultra-hard, glass-like hydrophobic barrier that delivers superior protection and a sleek, high-gloss finish.

Engineered for extreme durability, UVA Topcoat resists harsh weather, intense UV radiation, road salts, and aggressive chemicals commonly encountered in road transport. It is fully safe and compliant for use on passenger and cargo vehicles—including food-contact areas—ensuring both safety and performance.

Powered by cutting-edge nanotechnology, UVA Topcoat extends the service life of critical surfaces such as polyester, epoxy, polyurethane, acrylic resins, steel, aluminum, composites, and wood. It effectively prevents corrosion, surface degradation, and environmental wear—making it the ideal all-in-one solution to protect truck and bus exteriors, cargo areas, canopies, and interiors.

## Why UVA Topcoat is a Game-Changer in Protection?

For decades, protective coatings like epoxy, polyurethane (PU), and acrylic have been the industry standard. However, they all share a critical weakness—UV degradation. Prolonged exposure to sunlight causes these coatings to yellow, crack, and deteriorate, leading to costly maintenance and premature failures.

## Superior Performance at the Lowest Cost.

UVA Topcoat isn't just another coating—it's a next-generation solution designed to simplify and reduce costs in truck and bus maintenance. By replacing complex, multi-layer systems with a single, high-performance layer, it streamlines your coating process.
Applied directly over existing automotive paints and materials, UVA Topcoat eliminates the need for expensive refinishing or additional topcoats, saving both time and money. Its advanced chemistry and ease of application make traditional coating systems obsolete for vehicle exteriors, cargo areas, canopies, and more.





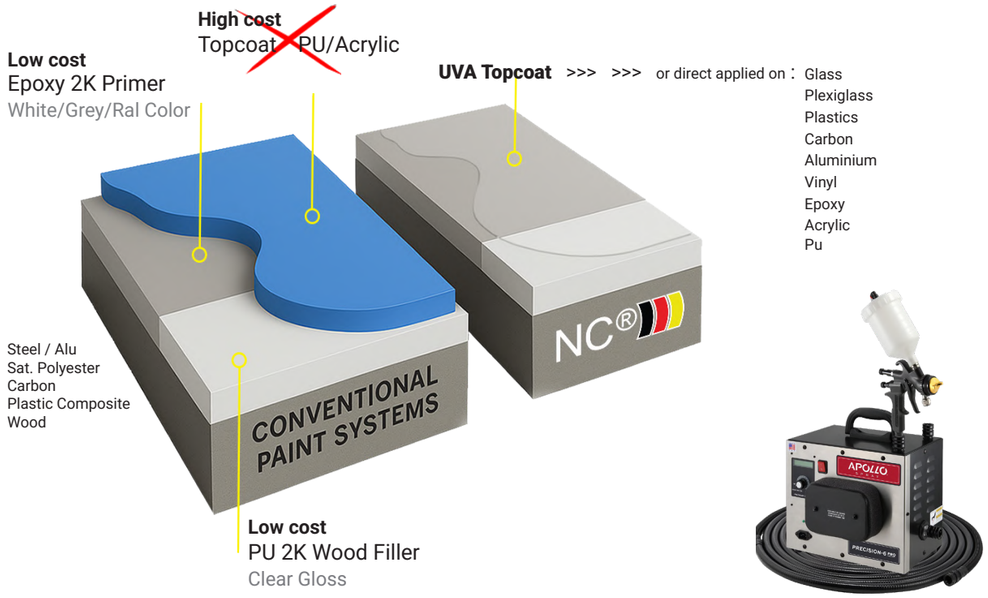
## Where can UVA Topcoat be used?

UVA Topcoat is highly versatile and ideal for a wide range of truck and bus applications:

- Exteriors – Body panels, bumpers, roofs, and vinyl canopies or tarps for durable protection
- Cargo Areas – Beds, storage compartments, and canopy coverings with chemical and abrasion resistance
- Interiors – Dashboards, seats, walls, and floors for easy cleaning and long-lasting finish
- Chassis and Undercarriage – Protection against corrosion, road salts, and harsh weather

Compatible with both new vehicles and retrofits, UVA Topcoat adapts to various materials and tough operating conditions common in truck and bus transport.

## How it Works



## Freedom in Protection Years

Long-Lasting Protection, Layer by Layer
A single 6 µm (micron) layer applied using HVLP spray technology can provide up to 8 years of protection. Need more durability? Just add more layers—it's that simple.

Apply wet-on-wet: once the first coat flashes off (dry to the touch but still tacky), you can immediately apply the next. This method prevents trapped gases and creates a seamless, chemical-resistant film with hydrophobic properties—making surfaces easier to clean and maintain.

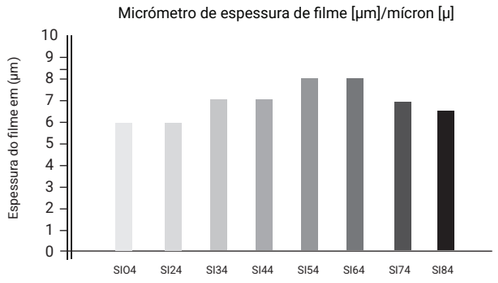
## Coverage & Application Efficiency

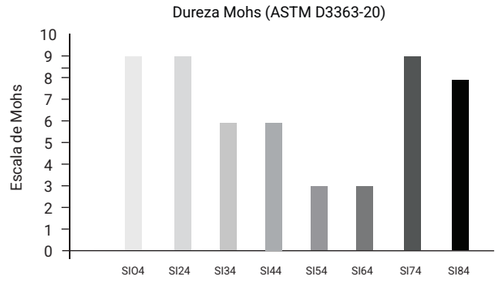
UVA Topcoat is engineered for maximum efficiency with minimal material use—delivering high-performance protection at a fraction of the volume required by traditional coatings.

Recommended usage is approximately ±12.5 g/m² per layer (by wipe or spray), resulting in a film thickness of around 6 microns, with one liter covering up to 80 m².

## Color Tinting Option

For customized aesthetics, UVA Topcoat can be tinted using our colorants on pages 22–23. These high-performance, solvent-free pigments deliver long-lasting color stability and excellent UV resistance—ideal for truck and bus exteriors, interiors, and cargo areas where both protection and appearance are essential.
Perfect for any visible surface requiring a durable, colored finish without compromising the coating's hydrophobic and chemical-resistant properties.



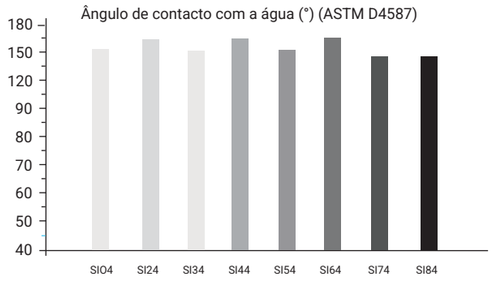





## Comparação de qualidade com tintas tradicionais

Se estiver em negrito, significa que há deficiências de qualidade.

| Caracteristicas | Acrílico | Epóxi | Poliuretano | UVA Topcoat |
|---|---|---|---|---|
| Primer | **Sim** | **Sim** | **Sim** | Não |
| Força de ligação | **Pobre** | **Pobre** | **Pobre** | Excelente |
| Teste de seção transversal | **Pobre** | Nós vamos | **Pobre** | Excelente |
| Resistência à abrasão | **Pobre** | Nós vamos | **Pobre** | Excelente |
| Resistência à radiação U-violeta | **Média** | **Pobre** | Nós vamos | Excelente |
| Agentes atmosféricos artificiais. | **Pobre** | Nós vamos | Nós vamos | Excelente |
| Retenção de cor | **Média** | **Média** | **Pobre** | Excelente |
| Retenção de brilho | **Pobre** | **Pobre** | **Pobre** | Excelente |
| Resistência química | Nós vamos | Nós vamos | **Pobre** | Excelente |
| Ataque químico severo | **Pobre** | **Média** | **Pobre** | Excelente |
| Resistência à temperatura | **91°C** | **177°C** | 263°C | 300°C |
| Resistência ao choque térmico | Nós vamos | **Pobre** | Nós vamos | Excelente |
| Permeab. ao dióxido de carbono | **Pobre** | Nós vamos | **Pobre** | Excelente |
| Permeab. ao vapor de água | **Média** | Nós vamos | **Média** | Excelente |
| Absorção de água | **1%** | **2%** | **3%** | 0% |
| Envelhecimento a 70°C | **Pobre** | Nós vamos | **Média** | Excelente |
| Aderência | **Média** | Nós vamos | **Pobre** | Excelente |
| Resistência ao impacto | **Média** | Nós vamos | **Pobre** | Excelente |
| Anti-Graffiti | **Não** | **Não** | **Não** | sim |
| Anti-térmitas (madeira) | **Não** | **Não** | **Não** | sim |
| Autolimpeza hidrofóbica | **Não** | **Não** | **Não** | sim |
| Fácil de limpar | **Não** | **Não** | **Não** | sim |
| Refletância solar total (TSR) | **60 (branco)** | **60 (branco)** | **60 (branco)** | 88 (branco) |
| Vida útil esperada em anos | **<7** | **<15** | **<15** | 8-16-24 + |



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# SIO4 1-Component (2K)

## Topcoat Transparent
for glossy surfaces




**How to use:** Page 34

**Article Nr** : SIO41LUVA 1L / 920 g SIO405UVA 500 ml / 460 g
**Consumption** : 3 layers +/- 34.6 g/m² - 37.5 ml/m² 18 micron = 20 m²
**Reachable area** : 2 layers +/- 23.0 gr/m² - 25.0 ml/m² 12 micron = 40 m²
: 1 layer +/- 11.5 gr/m² - 12.5 ml/m² 6 micron = 80 m²
**Hardness/Cupping** : H9 / Flexibility ISO 1520 >21mm
**Used for** : Body panels, windshields, chrome, plastics, vinyl canopies
**Application field** : Transportation

SIO4 is an incredibly strong 1-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 is permanent hydrophobic.
- 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 550°F.

Expected life duration 4-16 or 24 Years (layer thickness)

**Easy to apply Repaintable**
**Cut maintenance costs**
**Anti-water spot Anti-corrossion**
**Permanent hydrophobic**
**Self-cleaning Cleaner for longer**
**Anti-scratch**
**Impact Resistance 1kg / 80cm**
**Protects your investment**





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# SI24 1-Component (1K)

## Topcoat Transparent
for matte surfaces




**How to use:** Page 34

**Article Nr** : SI241LUVA 1L / 920 g SI2405UVA 500 ml / 460 g
**Consumption** : 3 layers +/- 34.6 g/m² - 37.5 ml/m² 18 micron = 20 m²
**Reachable area** : 2 layers +/- 23.0 gr/m² - 25.0 ml/m² 12 micron = 40 m²
: 1 layer +/- 11.5 gr/m² - 12.5 ml/m² 6 micron = 80 m²
**Hardness/Cupping** : H9 / Flexibility ISO 1520 >21mm
**Used for** : Body panels, windshields, chrome, plastics, vinyl canopies
**Application field** : Transportation

SIO4 is an incredibly strong 1-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 is permanent hydrophobic.
- 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 550°F

Expected life duration 4-16 or 24 Years (layer thickness)

**Easy to apply Repaintable**
**Cut maintenance costs**
**Anti-water spot Anti-corrossion**
**Permanent hydrophobic**
**Self-cleaning cleaner for longer**
**Anti-scratch**
**Impact Resistance 1kg / 80cm**
**Protects your investment**

# UVA Topcoat Colorants

# Precision Color Control — From Super-Transparent Tints to Bold, Defined Shades

As a coating manufacturer, we use advanced colorant chip technology to produce fully prepared, ready-to-use colorants that integrate seamlessly into our coating systems.

The colorant chips themselves are selected, processed, and blended by us under controlled conditions, resulting in liquid colorants with precise concentration, high transparency, and excellent stability. Our customers receive a finished colorant product and do not need to handle or process chips in any way.

Because the colorants are supplied ready to use, incorporation into our coating systems is simple and straightforward. The required amount of colorant can be added directly to the coating and mixed using standard stirring or mechanical mixing.

The colorant disperses quickly and evenly, without streaking, cloudiness, or the need for special equipment. This makes color adjustment easy and reliable, even for small batches or on-site applications.

By controlling the entire process—from coating and colorant chip selection to finished colorant production—we ensure consistent color accuracy and repeatability from batch to batch.

The colorants are specifically engineered to remain fully compatible with our high-performance binder technologies. As a result, color can be introduced without compromising transparency, gloss, durability, or chemical resistance.

The outcome is a coating system in which professional color control—from super-transparent shades to bold finishes—is achieved with minimal effort for the user: add the colorant, mix, and apply.





**WHITE** UVAWH0100

Masstone to Transparent Tint

SI080 **100 ml**





**BLACK** UVABK0100

Masstone to Transparent Tint

S9938 **100 ml**





**YELLOW** UVAYE0100

Masstone to Transparent Tint

S2184 **100 ml**





**RED** UVARD0100

Masstone to Transparent Tint

S4254CN **100 ml**



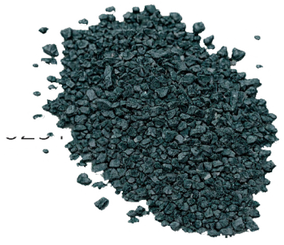


**BLEU** UVABL0100

Masstone to Transparent Tint

S5007 **100 ml**





**GREEN** UVABL0100

Masstone to Transparent Tint

S7154N **100 ml**



**NANO-CERAMIC®** THE NEW GENERATION COATINGS **NANO-CERAMIC.COM**

# 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. (PFAS-free)

NANO-CERAMIC permanent coating is 300°C 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) please find the test report on page 19.

## 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, glass, gypsum and many more.



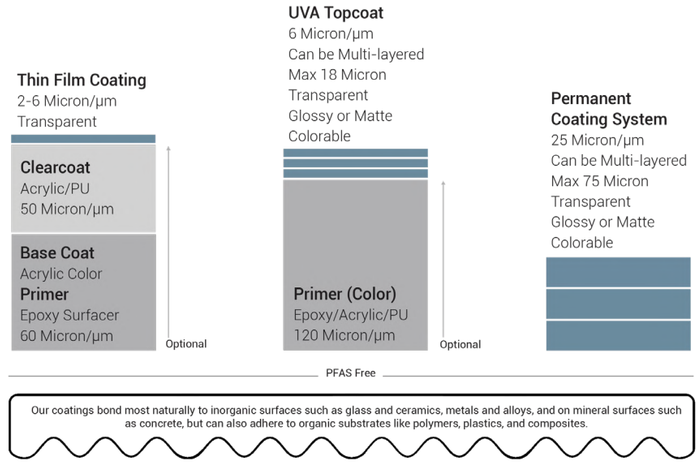
## Is NANO-CERAMIC Permanent Coating self-cleaning?

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 Sections of NC® Coating Systems




# Conventional paints

The lifespan of conventional paints and coatings depends primarily on their placement and environment. These coatings—made from resins like epoxy, acrylic, PU, or polyester combined with pigments—rely on both component quality and chemical resistance to determine durability. Although their lifespan can reach up to 15 years, it often falls short due to hardness degradation, UV-induced color fading, and chemical attack. Exposure to harsh agents (e.g. solvents, acids, bases, salts) can cause swelling, gloss loss, adhesion failure, blistering, or surface breakdown.
Additionally, when the paint film softens or becomes water-sensitive—often due to additives—it can absorb dirt rather than just accumulate it, leading to a dull, matte, or cloudy appearance that cannot be cleaned off and may require stripping the surface to restore clarity.

## 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



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# SI11/12 2-Component (2K)




## Topcoat Clear+
for glossy or matte surfaces

**Article Nr** : SI112000 2 L / 1.900 g SI122000 2 L / 2.000 g

**Consumption** : 3 layers +/- 270 g /m² - 285 ml/m² 75 micron = 7 m²

**Reachable area** : 2 layers +/- 180 g /m² - 190 ml/m² 50 micron = 14 m²

: 1 layer +/- 90 g /m² - 95 ml/m² 25 micron = 21 m²

**Hardness** : H9

**Used for** : Fiberglass, steel, aluminium, kevlar, plastics, wood

**Application field** : Transportation

**How to use:** Page 35

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.

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Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating is permanent hydrophobic.
- 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.

Expected life duration up to 30 years+

- **Near-permanent**
- **Cut maintenance costs**
- **Anti-corrosion**
- **Permanent hydrophobic**
- **UV protection**
- **Self-cleaning Stays cleaner longer**
- **Impact Resistance 1 kg - 80 cm**
- **Thermal Shock-Resistant**
- **Save on fuel Save on repaints**







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# SI21/22 2-Component (2K)




## Paint Strongest White
for glossy or matte surfaces

**Article Nr** : SI212000 2 L / 2.400 g SI222000 2 L / 2.500 g

**Consumption** : 3 layers +/- 200 g/m² - 165ml/m² 75 micron = 12m²

**Reachable area** : 2 layers +/- 130 g/m² - 110ml/m² 50 micron = 16m²

: 1 layer +/- 65 g/m² - 55ml/m² 25 micron = 24m²

**Hardness** : H8

**Used for** : Fiberglass, steel, aluminium, kevlar, plastics, wood

**Application field** : Transportation

**How to use:** Page 35

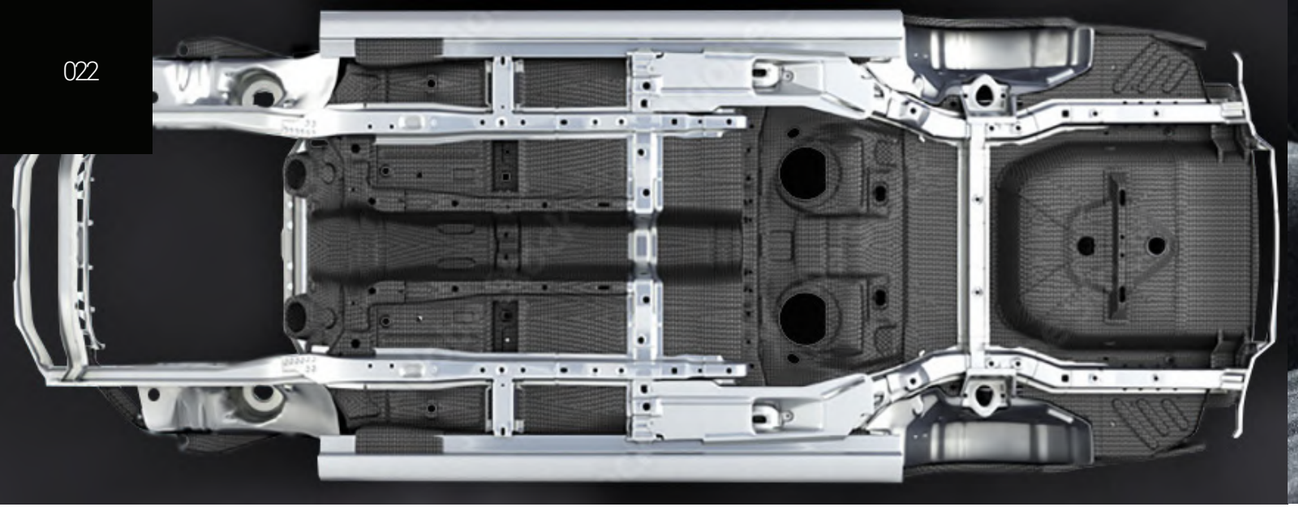
SI21 is an incredibly strong 2-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating does not absorb any water
- Resistant to all kinds of chemicals and UV radiation.
- This coating can withstand temperatures of 300°C

Expected life duration up to 25 years+

- **Near-permanent**
- **Cut maintenance costs**
- **Anti-corrosion**
- **Permanent hydrophobic**
- **UV protection**
- **Self-cleaning Stays cleaner longer**
- **Impact Resistance 1 kg - 80 cm**
- **Thermal Shock-Resistant**
- **Save on fuel Save on repaints**







APPLY VIDEO SCAN QR CODE

# SI32 2-Component (2K)

## Undercoat Textured Transparent
for semi gloss surfaces




**How to use:** Page 35

**Article Nr** : SI322000 2 L / 2.000 g
**Consumption** : 3 layers +/- 225 g/m² - 225 ml/m² 90 micron = 9 m²
**Reachable area** : 2 layers +/- 150 g/m² - 150 ml/m² 60 micron = 18 m²
: 1 layer +/- 75 g/m² - 75 ml/m² 30 micron = 27 m²
**Hardness** : H9
**Used for** : Undercarriage, chassis, wheel arches, bedlining
**Application field** : Transportation

SI32 is an incredibly strong 2-component coating 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 is permanent hydrophobic.
- 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.

Expected life duration up to 30 years+

**Impact Resistence**
**1 kg - 80 cm**

**Easy to apply**

**Cut cleaning costs**

**Anti-water spot**
**Anti-corrosion**

**Permanent**
**hydrophobic**

**Self-cleaning**
**stays cleaner longer**

**Anti-scratch**

**Save on fuel**
**Save on repaints**

**Protects your**
**investment**



# SI33 2-Component (2K)

## Undercoat-Bedliner Textured Black
for semi gloss surfaces




**How to use:** Page 35

**Article Nr** : SI332000 2 L / 2.400 g (tinted on location)
**Consumption** : 3 layers +/- 200 g/m² - 165 ml/m² 105 micron = 12 m²
**Reachable area** : 2 layers +/- 130 g/m² - 110 ml/m² 70 micron = 16 m²
: 1 layer +/- 65 g/m² - 55 ml/m² 35 micron = 24 m²
**Hardness** : H8
**Used on** : Undercarriage, chassis, wheel arches, bedlining
**Application field** : Transportation

SI33 is an incredibly strong 2-component coating 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 is permanent hydrophobic.
- 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.

Expected life duration up to 25 years+

**Impact Resistence**
**1 kg - 80 cm**

**Easy to apply**
**Repaintable**

**Cut maintenance costs**

**Anti-water spot**
**Anti-corrossion**

**Permanent**
**hydrophobic**

**Self-cleaning**
**stays cleaner longer**

**Anti-scratch**

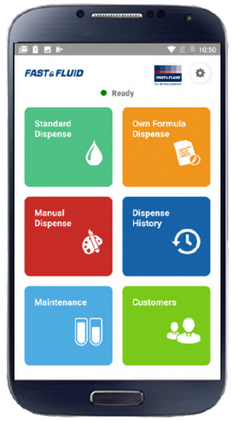
**Visibility**

**Protects your**
**investment**

# Color mixing has never been so easy!!!

X- SMART is the modular version of the acclaimed dispenser series, extremely cost-effective and easy to operate, with a low maintenance

This color mixer has a robust and tubeless design, built with a patented pump technology (to reduce waste) and identical features, making it a highly advanced dispenser, ideally suited to reduced capacity.




Prisma-RT is a cloud-based innovative mobile color application compatible with the X-SMART dispenser. It brings the best of wireless technology without the associated investment costs in hardware.
Customers do not have to provide computers and other accessories or set up servers, eliminating the need for complicated and time-consuming installation and configuration.
This smart Prisma-RT device helps to fix prices and taxes and can print labels via Wi-Fi.



Prisma-RT





**X-SMART**
Stabilizer plates





# 16 High Grade Coloring chemicals




**Titanium White**
Masstone
Tint
844-0061 **4 L**




**Quinacridone Red**
Masstone
Tint
844-0451 **1 L**




**Scarlet Red**
Masstone
Tint
844-0526 **1 L**




**Lead Free Orange**
Masstone
Tint
844-0982 **1 L**




**Trans Red Oxide**
Masstone
Tint
844-1054 **1 L**




**Red Oxide**
Masstone
Tint
844-1063 **1 L**




**Burnt Umber**
Masstone
Tint
844-1352 **1 L**




**Trans Yellow Oxide**
Masstone
Tint
844-1852 **1 L**




**Yellow Oxide**
Masstone
Tint
844-1863 **1 L**




**Lead Free Med Yellow**
Masstone
Tint
844-2555 **1 L**




**Yelllow**
Masstone
Tint
844-2826 **1 L**




**Organic Yellow**
Masstone
Tint
844-2852 **1 L**




**PHTHALO Green**
Masstone
Tint
844-5558 **1 L**




**Quinacridone Violet**
Masstone
Tint
844-9451 **1 L**




**Lamp Black**
Masstone
Tint
844-9955 **1 L**




**PHTHALO BLUE**
Masstone
Tint
844-7262 **1 L**

# Color card

# Other colors need minimal 100 kg

## Residential

SI13 White Egg-Shell (Flat Finish) 15/25 (20/60°)
SI15 White Egg Shell (Flat Finish) 18/28 (20/60°)
SI21 White Gloss 49/77 (20/60°)
SI22 White Satin 33/59 (20/60°)
SI41 Textured White Semi Gloss 41/69 (20/60°)
SI42 Textured White Matte 11/21 (20/60°)

Original — Cool white
RAL 9018 — Papyrus white
RAL 3015 — Light pink
RAL 9001 — Cream white
RAL 9022 — Pearl light grey
RAL 5007 — Pastel blue
RAL 9002 — Grey white
RAL 9023 — Pearl dark grey
RAL 4009 — Pastell violet
RAL 9003 — Signal white
RAL 1000 — Green beige
RAL 6027 — Light green
RAL 9004 — Signal black
RAL 1001 — Beige
RAL 7000 — Squirell grey
RAL 9005 — Jet black
RAL 1002 — Sand yellow
RAL 1036 — Pearl gold
RAL 9006 — White aluminium
RAL 1011 — Brownbeige
RAL 8029 — Pearl copper
RAL 9007 — Grey aluminium
RAL 1013 — Pearl white
RAL 4012 — Pearl blackberry
RAL 9010 — Pure white
RAL 1014 — Ivory
RAL 5025 — Pearl gentian blue
RAL 9011 — Graphite black
RAL 1015 — Light ivory
RAL 6036 — Pearl opal green
RAL 9016 — Traffic white
RAL 9017 — Traffic black
RAL 8016 — Mahogany braun

## Wood

SI11 Transparent Gloss 51/78 (20/60°)
SI12 Transparent Matte 11/21 (20/60°)


SI11 Transparent


SI11 Light


SI11 Nut


SI11 Colonial

## Industrial

SI11 Transparent Gloss 51/78 (20/60°)
SI21 White Gloss 49/77 (20/60°)
SI22 White Satin 33/59 (20/60°)

Transparent
RAL 1026 — Lumious yellow
RAL 3020 — Traffic red
RAL 9005 — Jet black
RAL 1004 — Golden yellow [Cat]
RAL 6002 — Leaf green [J.D Deere]
RAL 7035 — Light grey
RAL 7011 — Dark grey
RAL 7001 — Silver grey
RAL 8002 — Signal brown
RAL 8025 — Pale brown

## Marine

SI12 Transparent Matte 11/21 (20/60°)
SI41 Textured White Semi Gloss 41/69 (20/60°)
SI42 Textured White Matte 11/21 (20/60°)

## Military

SI31 Textured Transparent Semi Gloss 41/69 (20/60°)
SI33 Textured Black Semi Gloss 41/69 (20/60°)

Original — Cool white
RAL 3000 — Fire red
Transparent matte
Light stone
RAL 9010 — Pure white
RAL 3004 — Burgundy
RAL 7031 — Blue grey
RAL 6031 — Bronze green
RAL 9001 — Cream white
RAL 7036 — Platium
RAL 9005 — Jet black
RAL 6451 — Brunswick green
RAL 5023 — Distant blue
RAL 9005 — Jet Black
RAL 6006 — NATO green
RAL 7015 — Dark sea grey
RAL 1023 — Traffic yellow
RAL 5018 — Turqoise bleu
RAL 7024 — Graphite grey
RAL 5008 — [RAF] Blue grey
RAL 7001 — Silver gray
RAL 6027 — Light green
RAL 1015 — Desert sand
RAL 1015 — Light ivory
RAL 5000 — Violet blue
Camo beige
RAL 9016 — Pure white
RAL 5012 — Light blue
Dark grey camo
RAL 9001 — Cream
RAL 5002 — Ultramarine blue
Dark brown camo
RAL 1001 — Beige
RAL 5013 — Sapphire blue
RAL 6022 — Olive drap
RAL 1020 — Olive yellow
RAL 5005 — Signal blue
Very dark drap

## Antifouling

SI14 Color 31/41 (20/60°)

Transparent
RAL 9005 — Jet Black
RAL 3001 — Signal Red
RAL 5002 — Ultra marine blue
RAL 7004 — Signal Grey



# SIX1 2-Component (2K)




## Primer Epoxy Polyamide
heavy duty - anti-corrosion

**Article Nr** : SIX11250-WH/GR 1.25 L / 1.45 kg SIX15000-WH/GR 5 L / 5.8 kg
**Consumption** : 2 layers +/- 240 g/m² - 250 ml/m² 80 micron = 5 m²
**Reachable area** : 1 layer +/- 120 g/m² - 125 ml/m² 40 micron = 10 m²
**Hardness** : H5
**Colors** : White, Grey or RAL (RAL Minimum Order 250 pcs 5 L)
**Used on** : Concrete, Steel, Aluminium, Fiberglass and other organic surfaces
**Application area** : Buildings, marine, airports, offshore structures, bridges

**Fast Repaintable**

**Excellent adhesion**

SIX1 is a solvent based epoxy polyamide primer. This primer is used for corrosion protection on concrete, stainless, galvanized, carbon and alloy steel, aluminumin corrosive conditions and has excellent adhesion to all organic substrates and to all of our ceramic topcoats. The primer can be applied at a relative humidity of 40-80%

# SIX2 2-Component (2K)




## Primer Surfacer Acrylic Alkyd
smooth - surface modifier

**Article Nr** : SIX21250-WH/GR 1.25 L / 1.45 kg SIX25000-WH/GR 5 L / 5.8 kg
**Consumption** : 2 layers +/- 200 g/m² - 210 ml/m² 60 micron = 6 m²
**Reachable area** : 1 layer +/- 100 g/m² - 105 ml/m² 30 micron = 12 m²
**Hardness** : H3
**Colors** : White, Grey
**Used on** : Steel, aluminium, wood, fiberglass, and old paint systems.
**Application area** : Buildings, hotels, private housing, etc.

**Fast Repaintable**

**Excellent adhesion**

SIX2 High-quality 2K surfacer (two-component basecoat) for auto-refinish, marine, and industrial coating applications where a smooth surface is required. The primer has excellent adhesion to all organic substrates and to all of our ceramic topcoats. The primer can be applied at a relative humidity of 30-80% and can be painted over within 4 hours 30°C, 1 hours 60°.







## Heavy Duty Primer - Smooth Surfacer



# SIX3 2-Component (2K)




## Primer PU Wood Filler
surface modifier - absorbtion reducer

**Article Nr** : SIX31500 1.5 L / 1.4 kg
**Consumption** : 2 layers +/- 175 g/m² - 185 ml/m² 60 micron = 8 m²
**Reachable area** : 1 layer +/- 115 g/m² - 95 ml/m² 30 micron = 12 m²
**Hardness** : H4
**Colors** : Transparent
**Used on** : Wood, Natural Stone, and other organic surfaces
**Application area** : Buildings, marine, hotels, private housing, etc.

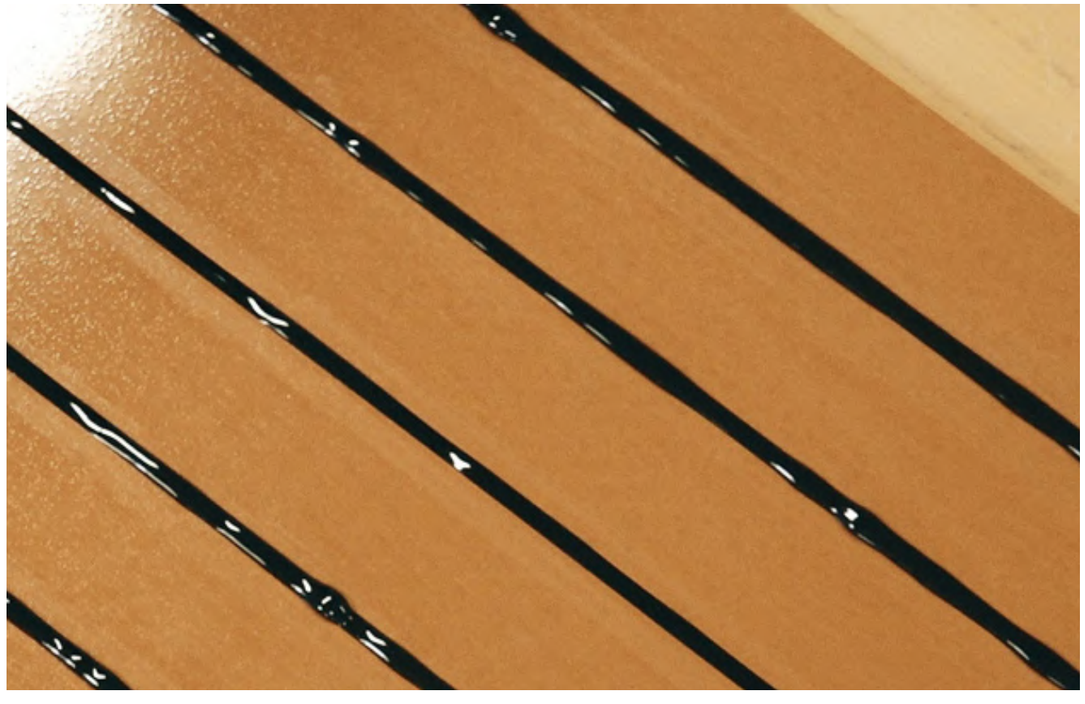
SIX3 is a solvent borne transparent wood filler. This primer is used as surface modification for, wood or natural stone to reduce capillary absorption and has an excellent adhesion to all organic substrates and towards one of our ceramic top coats. The primer can be applied at a relative humidity of 40-80%.

**Fast Repaintable**

**Excellent adhesion**







## Wood Filler - All Surface modifier

# SIX5 2-Component (2K)




## Putty Polyester
ultra smooth - sandable

**Article Nr** : SIX51000-WH/GR 1 kg
**Colors** : White, Grey
**Used on** : Metal, wood, fiberglass, concrete, plastics
**Application area** : Transportation.

SIX5 is a High quality 2 (two) component Epoxy base putty for auto-refinish, marine and industrial coating applications.

**Fast Repaintable**

**Excellent adhesion**

# RETA/ACCL




## Retarder / Accelerator
slow down flash time or speed up curing

**Article Nr** : RETA0400 400 ml / 345 g ACCL0200 200 ml / 180 g

If your application requires a longer cure time (e.g., at high temperatures) to build the layer with a second or third coat, you can add RETA Retarder. If you want to speed up the cure process, add ACCL Accelerator. It can reduce cure time by 30–70% compared to uncatalyzed systems, and full hardness can develop 1.5–2 times faster.

# SOLV Thinner solvent

## for all types of our ceramic paint & coating




**Article Nr:** **:** SOLV0400 400 ml / 345 g SOLV2000 2 L / 1.760 g

All our paints and coatings are ready to use, for certain spray applications, especially dark colors who require more than average color pigments, it may be necessary to use a little thinner solvent to achieve optimum flowability.

## Where to use our Coatings








# How to use our Thin Film Coatings:

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

**Processing Temperature:**
Ambient temperature: 5-30°C
Avoid direct sunlight, Rain and /or high humidity.

**IMPORTANT:**
Before you use a NANO-CERAMIC product, please make sure you wear suitable protection gear. We always recommend using a paint suit, respirator mask and latex or nitrile gloves.



**Mask**



**Nitrile gloves**

**Instructions for use**:

**Surface Preparation**

- Wash all surfaces thoroughly with our Pure Shine Shampoo. if heavily soiled, pre-clean using Scrub Cleaner
- Dry completely.
- Polish if needed using or One Step Polish (works best on new or like-new surfaces).
- Use nitrile gloves, apply Steril Pretreatment Cleaner with clean towels—use multiple clean cloths to remove greasy avoid smearing dirt around.
- Ensure the surface is spotless; contamination can cause visible defects in the cured coating.

**Application (SIO3–SIO5 Top Coat)**

- Watch the application video via the QR code for technique guidance.
- Glove up! Remove the closure, insert the dropper, and shake well.
- Work in manageable sections following panel shapes and edges for overlap control.
- Use the applicator block with a suede mini-towel on top and apply 6–8 drops per 15 × 15” inches, adjusting if towel feel too dry.
- Start from the center of the section ⚠ (otherwise it’s hard to spread from corner to corner)
- Spread with light pressure in criss-cross strokes until product is evenly applied.
- Keep going until no residue remains.
- Avoid over-applying—uneven layers and rolling-ups often result from too much product. (most common failure)
- If applied correctly, almost no polishing with a microfiber towel is needed afterward. (but you still polish with a clean microfiber towel to make sure that haze / residue is removed)

**Application (SIO2 Safety Vision Window Coating)**

- Thoroughly clean both the inside and outside of the windshield, including wiper blades and seals, using Steril Pretreatment Cleaner
- Watch the application video via the QR code for technique guidance.
- Dispense 10–15 drops of coating onto a cotton pad, then rub it in evenly across the glass using firm pressure on the pad.
- Continue until a light gray haze becomes visible over the surface. (Wait approximately 2 minutes (at 20°C) for solvents to evaporate)
- Gently buff away the haze with a clean microfiber cloth.

**Curing:**
Tough Dry 5min, Hard Dry 2 Hours, 85% Cured 12 Hours, 100% Cured 5 Days

# How to use our UVA Coating System:

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

**Processing Temperature:**
Ambient temperature: 5-30°C
Avoid direct sunlight, Rain and /or high humidity.

**IMPORTANT:**
Before you use a NANO-CERAMIC product, please make sure you wear suitable protection gear. We always recommend using a paint suit, respirator mask and latex or nitrile gloves.

**Outfit/Applicators:**



Fresh Air Respirator



Paint Suit



Nitrile gloves



HVLP Paint Sprayer
1.3mm / 1.5mm / 1.8mm nozzle

**Application information:**
Protect or Renew; Marble, Granite, Varnished wood, HPL, PVC or Vinyl laminate and Melamine. Creates an easy-to-clean, anti-scratch surface that is resistant to UV Discoloration, HF (Hydrofluoric Acid), Hydrochloric Acid, and Citric Acid.

Wipe Application; 1. Clean the surface 2. Sterilize the surface 3. Apply via the cotton pad an even layer 4. Let it cure.

Spray Application; Use an HVLP (High Volume Low Pressure) spray gun with 60–80% transfer efficiency. Fit the spray gun with a 1.0-1.3 mm fluid tip. Set air pressure to 20–30 psi.

**Preparation Steps:**
1. Stir the coating thoroughly for 30 seconds before use.
2. Prior to application, strain the mixed coating through a suitable paint filter (e.g., 190–250 µm) to ensure a clean, defect-free spray.
3. Wash and decontaminate the surface.
4. Wet sand / scuff using 1500–2000 grit sandpaper.
5. Mask off any parts not to be coated.
6. Ensure environmental conditions are below 65% humidity.
7. Perform a final clean using 100% acetone.
8. Wipe with a tack cloth to remove any dust or lint.

**Application Procedure:**
1. Spray a light, even coat. Allow a 5-minute flash-off time, or until outgassing stops.
2. Apply a second coat. Allow to flash off for at least 15 minutes, or until outgassing stops.
3. Unmask carefully before the coating fully cures.

**Curing:**
Tough Dry 5min, Hard Dry 2 Hours, 85% Cured 12 Hours, 100% Cured 5 Days. Refer to the TDS/SDS for more information..



Microfiber Roller
(6mm short nap)



Cotton Pads



Paint Brush
(acrylic)





# How to use our Permanent Coating System:

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

**Processing Temperature:**
Ambient temperature: 5-30°C
Avoid direct sunlight, Rain and /or high humidity.

**IMPORTANT:**
Before you use a NANO-CERAMIC product, please make sure you wear suitable protection gear. We always recommend using a paint suit, respirator mask and latex or nitrile gloves.

**Outfit/Applicators:**



Fresh Air Respirator



Paint Suit



Nitrile gloves



HVLP Paint Sprayer
1.3mm / 1.5mm / 1.8mm nozzle

**Application information:**
The SI11/SI12/SI21/SI22/SI31/SI33 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 problems with the substrate. **Warning the surface must be completely dry before application and must stay dry for 6 hours after application after application!**

**The 2-Component Permanent Coating System**
Mix the can SI11B-SI12B-SI21B-SI22B-SI31B-SI33B with the can of SI11A-SI12A-SI21A-SI22A-SI31A-SI33A by pouring can B into can A, or measure exactly by net weight in a ratio of 7:3 and mix very well, or measure exactly by net weight in a ratio of 9:1 and mix thoroughly with a power agitator.

**The 2-Component Permanent Coating System**
Mix the can SI11B-SI21B-SI32B-SI33B with the can of SI11A-SI21A-SI32A-SI33A by pouring can B into can A, or measure exactly by net weight in a ratio of 9:1 and mix very well. Mix the can of SI21B with the can of SI21A by pouring can B into can A, or measure exactly by net weight in a ratio of 9:1 and mix thoroughly with a power agitator. Carefully pour the mixed contents into a professional paint sprayer, and spray in thin layers until the surface reaches your desired thickness. 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



Microfiber Roller
(6mm short nap)



Paint Brush
(acrylic)

# NANO-CERAMIC®

WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS



## *The Leader in Durability*

*Did you know?*

*That our coatings are made of pure silica sand, which is the most common element on Earth?*

**Dealer**