

# NANO-CERAMIC®

WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS



**Transportation** Clean & Protect

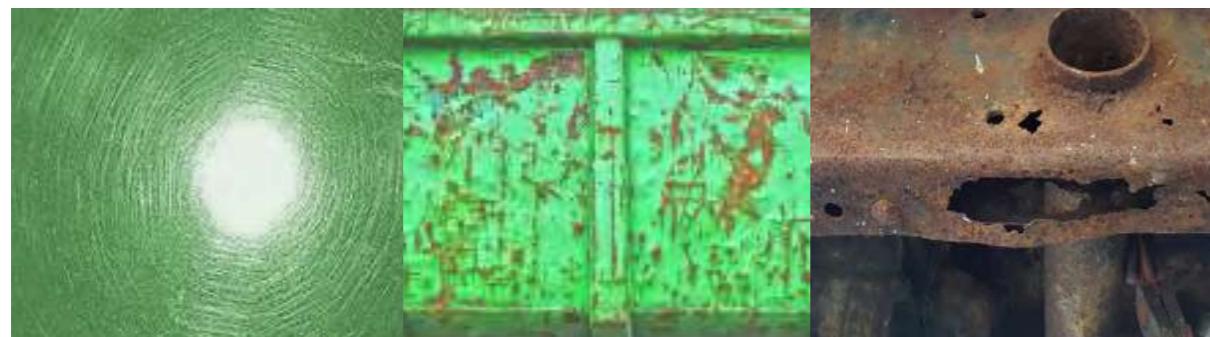
## What is NANO-CERAMIC Thin Film Coating?

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)

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



**Jetpack**  
VideoPress



Conventional paints like acrylic urethane are simply not strong enough.



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 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 Thin Film





# SIO3 GLOSS

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

**Product ID** : SIO3BKIT 1.7oz 6 Micron SIO2BKIT 1.7oz 2 Micron  
**Consumption** : +/- 0.007 oz/ft<sup>2</sup>  
**Reachable area** : +/- 500ft<sup>2</sup> Body panels + 500ft<sup>2</sup> Windshield  
**Used for** : Body panels, windshields, chrome, plastics, vinyl canopies  
**Application field** : Transportation

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 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+ (1 Years on Glass)



How to use: Page 33

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

Applicator:



# SIO5 MATTE

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

**Product ID** : SIO3BKIT 1.7oz 2 Micron HD SIO2BKIT 1.7oz 2 Micron  
**Consumption** : +/- 0.007 oz/ft<sup>2</sup>  
**Reachable area** : +/- 500ft<sup>2</sup> Body panels + 500ft<sup>2</sup> Windshield  
**Used for** : Body panels, windshields, chrome  
**Application field** : Transportation

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 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+ (1 Years on Glass)



How to use: Page 33

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

Applicator:





APPLY  
VIDEO  
SCAN  
QR CODE



# STEP

## One Step Polish for scratch removal

### Product ID

: STEP0250 8.5oz

### Consumption

: 0.017oz/ft<sup>2</sup>

### Used for

: Clearcoat, glass and acrylic

### Application field

: Automotive

### ONE STEP POLISH

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 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



APPLY  
VIDEO  
SCAN  
QR CODE

# CLEAN

## Steril Cleaner for hard surface pretreatment



### Product ID

: CLEAN0500 16 oz

CLEAN5000 1.32 gal / CLEAN020L 5 gal

### Consumption

: +/- 0.01 oz/ft<sup>2</sup>

### Used for

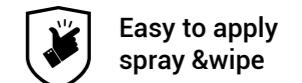
: Clearcoat, windshields, mirrors, plastics, steel

### 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



Easy Clean  
100% Steril



Visibility  
Safety

Applicator:



100% Steril



# SHRE

## Pure Shine Shampoo for all exterior surfaces

**Product ID** : SHRE1000 32 oz / SHRE5000 1 gal / SHRE020L 5 gal  
**Consumption** : 0.7 oz : 2.5 gal 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.

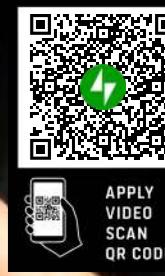
Contains no colouring chemicals which can discolor surfaces.

-  **Easy to apply**
-  **Easy to clean**
-  **Stays cleaner longer**
-  **Food grade**
-  **Biodegradable**

### Applicator:



Dilution ratio 1: 500 (super economical)



# MPCL

## Multi Purpose Cleaner for all interior surfaces

**Product ID** : MPCL0500 16 oz / MPCL5000 1.32 gal / MPCL020L 5 gal  
**Consumption** : 0.017 oz/ft<sup>2</sup>  
**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**
-  **Spills 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.

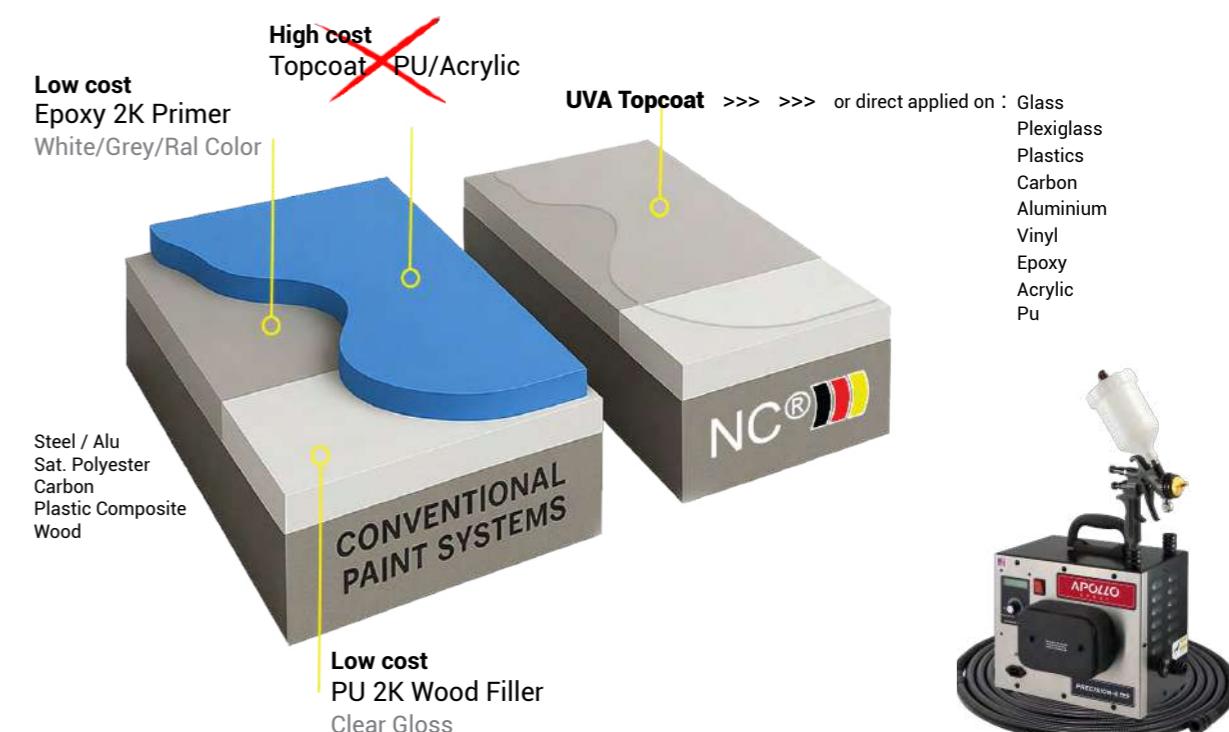
## Where can UVA Topcoat be used?

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  $\mu\text{m}$  (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

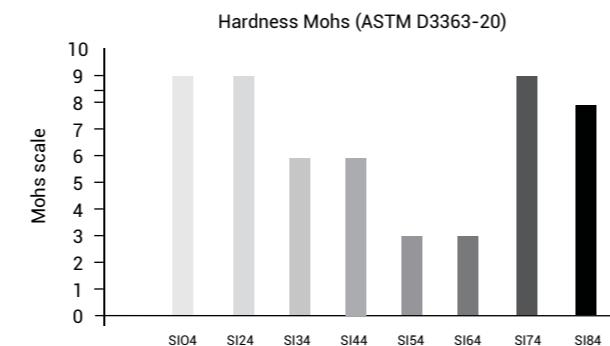
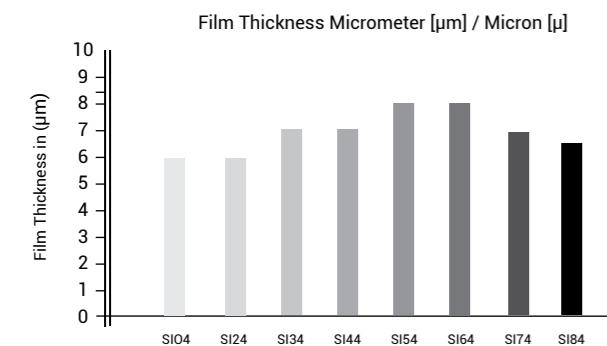
UVA Topcoat is engineered for maximum efficiency with minimal material use—delivering high-performance protection at a fraction of the volume required by traditional coatings.

Recommended usage is approximately  $\pm 0.025 \text{ lbs/ft}^2$  per layer (by wipe or spray), resulting in a film thickness of around 6 microns, with one liter covering up to 800  $\text{ft}^2$ .

## 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.

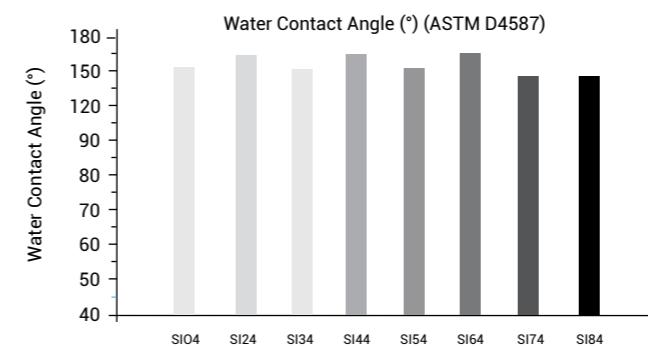
Perfect for any visible surface requiring a durable, colored finish without compromising the coating's hydrophobic and chemical-resistant properties.



## Quality Comparison of paints technologies

In case written in bold font it means existing shortcomings in quality.

Characteristics	Acrylic Latex walls ceilings	Acrylic walls floors	Epoxy floors	Polyurethane waterproofing	UVA Topc all surfaces
Primer	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	No
Adhesion Strength	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Cross Cut Test	<b>Poor</b>	<b>Poor</b>	Good	<b>Poor</b>	Excellent
Abrasion Resistance	<b>Poor</b>	<b>Poor</b>	<b>Average</b>	<b>Poor</b>	Excellent
UV Radiation Resistance	<b>Average</b>	<b>Average</b>	<b>Poor</b>	Good	Excellent
Artificial Atmospheric Agents	<b>Poor</b>	<b>Poor</b>	Good	Good	Excellent
Colour Retention	<b>Average</b>	<b>Average</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Gloss Retention	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Chemical Resistance	Good	Good	Good	<b>Poor</b>	Excellent
Severe Chemical Attack	<b>Poor</b>	<b>Poor</b>	<b>Average</b>	<b>Poor</b>	Excellent
Temperature Resistance	<b>140°F</b>	<b>196°F</b>	350°F	505°F	550°F
Thermal Shock Resistance	Good	Good	<b>Poor</b>	Good	Excellent
Carbon Dioxide Permeability	<b>Poor</b>	<b>Poor</b>	Good	<b>Poor</b>	Excellent
Permeability water vapour	<b>Average</b>	<b>Average</b>	Good	<b>Average</b>	Excellent
Water Absorption Rate	<b>5-15%</b>	1%	<b>2%</b>	3%	0%
Aging at 70°C	<b>Poor</b>	<b>Poor</b>	Good	<b>Average</b>	Excellent
Adhesion Strength Pull-off	<b>Poor</b>	<b>Average</b>	Good	<b>Poor</b>	Excellent
Impact Resistance	<b>Poor</b>	<b>Average</b>	Good	<b>Poor</b>	Excellent
Anti-Graffiti	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Anti-Termite (Wood)	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Hydrophobic Self Cleaning	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Easy to Clean	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Total Solar Reflectance (TSR)	<b>60</b> (white)	<b>60</b> (white)	60 (white)	<b>60</b> (white)	88 (white)
Expected Lifetime in Years	<7	<7	<5-15	<5-15	8/16/24





APPLY  
VIDEO  
SCAN  
QR CODE

# S104

1-Component (1K)

## Topcoat Transparent for glossy surfaces

**Product ID** : S1041LUVA 32 oz / 2.03 lbs S10405UVA 16 oz / 1 lbs  
**Consumption** : 3 layers +/- 0.075 lbs/ft<sup>2</sup> - 0.12 oz/ft<sup>2</sup> 18 micron = 200 ft<sup>2</sup>  
**Reachable area** : 2 layers +/- 0.050 lbs/ft<sup>2</sup> - 0.08 oz/ft<sup>2</sup> 12 micron = 400 ft<sup>2</sup>  
: 1 layer +/- 0.025 lbs/ft<sup>2</sup> - 0.04 oz/ft<sup>2</sup> 6 micron = 800 ft<sup>2</sup>

**Hardness/Cupping** : H9 / Flexibility ISO 1520 >0.8"

**Used for** : Body panels, windshields, chrome, plastics, vinyl canopies

**Application field** : Transportation

S104 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)



How to use: Page 34



Easy to apply  
Repaintable



Cut maintenance  
costs



Anti-water spot  
Anti-corrosion



Permanent  
hydrophobic



Self-cleaning  
Cleaner for longer



Anti-scratch



Impact Resistance  
30"-2lbs



Protects your  
investment

# S124

1-Component (1K)

## Topcoat Transparent for matte surfaces

**Product ID** : S1241LUVA 32 oz / 2.13 lbs S12405UVA 16 oz / 1.05 lbs  
**Consumption** : 3 layers +/- 0.075 lbs/ft<sup>2</sup> - 0.12 oz/ft<sup>2</sup> 18 micron = 200 ft<sup>2</sup>  
**Reachable area** : 2 layers +/- 0.050 lbs/ft<sup>2</sup> - 0.08 oz/ft<sup>2</sup> 12 micron = 400 ft<sup>2</sup>  
: 1 layer +/- 0.025 lbs/ft<sup>2</sup> - 0.04 oz/ft<sup>2</sup> 6 micron = 800 ft<sup>2</sup>

**Hardness/Cupping** : H9 / Flexibility ISO 1520 >0.8"

**Used for** : Body panels, windshields, chrome, plastics, vinyl canopies

**Application field** : Transportation



How to use: Page 34



Easy to apply  
Repaintable



Cut maintenance  
costs



Anti-water spot  
Anti-corrosion



Permanent  
hydrophobic



Self-cleaning  
cleaner for longer



Anti-scratch



Impact Resistance  
30"-2lbs



Protects your  
investment



TEST  
REPORT  
SCAN QR  
CODE

## 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 **0.32 oz**



**BLACK** UVABK0100  
 Masstone to Transparent Tint  
 S9938 **0.32 oz**



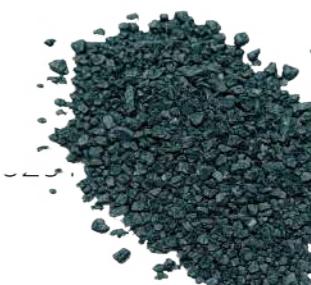
**YELLOW** UVAYE0100  
 Masstone to Transparent Tint  
 S2184 **0.32 oz**



**RED** UVARD0100  
 Masstone to Transparent Tint  
 S4254CN **0.32 oz**



**BLEU** UVABL0100  
 Masstone to Transparent Tint  
 S5007 **0.32 oz**



**GREEN** UVABL0100  
 Masstone to Transparent Tint  
 S7154N **0.32 oz**



## 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 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) please find the test report on page 19.

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

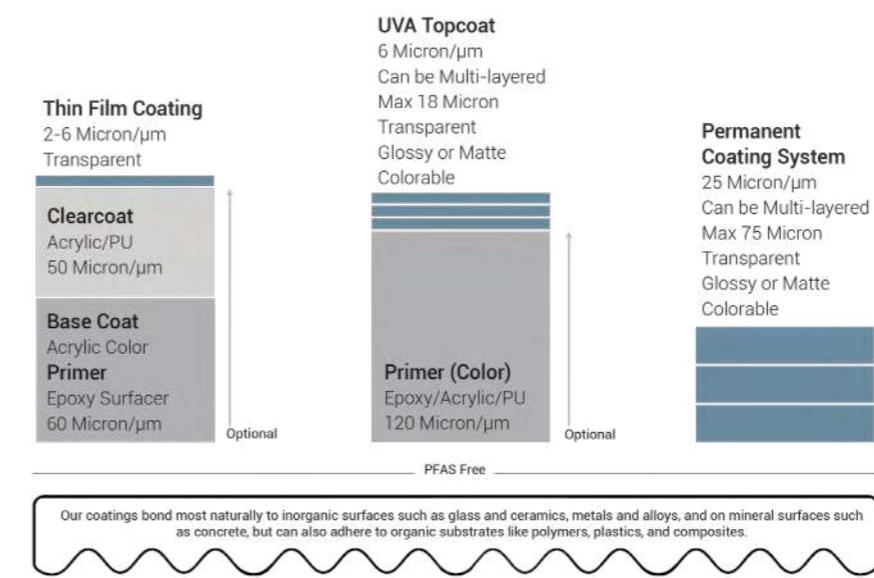
The NANO-CERAMIC permanent coating can be applied directly or indirectly on all kinds of interior and /or exterior surfaces (absorbing and non-absorbing), such as concrete, steel, wood, acrylic, glass, gypsum and many more.



### 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



APPLY  
VIDEO  
SCAN  
QR CODE



# S11/12

2-Component (2K)

## Topcoat Clear+

for glossy or matte surfaces



How to use: Page 35

Product ID	: SI112000 67 oz / 4.2 lbs SI122000 67 oz / 4.5 lbs
Consumption	: 3 layers 0.06 lbs/ft <sup>2</sup> - 0.96 oz/ ft <sup>2</sup> = 3 mil/ 70 ft <sup>2</sup>
Reachable area	: 2 layers 0.04 lbs/ft <sup>2</sup> - 0.64 oz/ ft <sup>2</sup> = 2 mil/140 ft <sup>2</sup> : 1 layer 0.02 lbs/ft <sup>2</sup> - 0.32 oz/ ft <sup>2</sup> = 1 mil/210 ft <sup>2</sup>
Hardness	: H9
Used for	: Fiberglass, steel, aluminium, kevlar, plastics, wood
Application field	: Transportation

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 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 600°F.

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 30"- 2 lbs
- Thermal Shock-Resistant
- Save on fuel Save on repaints



APPLY  
VIDEO  
SCAN  
QR CODE



# S121/22

2-Component (2K)

## Paint Strongest White

for glossy or matte surfaces



How to use: Page 35

Product ID	: SI212000 67 oz / 5.3 lbs SI222000 67 oz / 5.5 lbs
Consumption	: 3 layers 0.044 lbs/ft <sup>2</sup> - 0.56 oz/ ft <sup>2</sup> = 3 mil/120 ft <sup>2</sup>
Reachable area	: 2 layers 0.030 lbs/ft <sup>2</sup> - 0.37 oz/ ft <sup>2</sup> = 2 mil/160 ft <sup>2</sup> : 1 layer 0.014 lbs/ft <sup>2</sup> - 0.19 oz/ ft <sup>2</sup> = 1 mil/240 ft <sup>2</sup>
Hardness	: H8
Used for	: Fiberglass, steel, aluminium, kevlar, plastics, wood
Application field	: Transportation

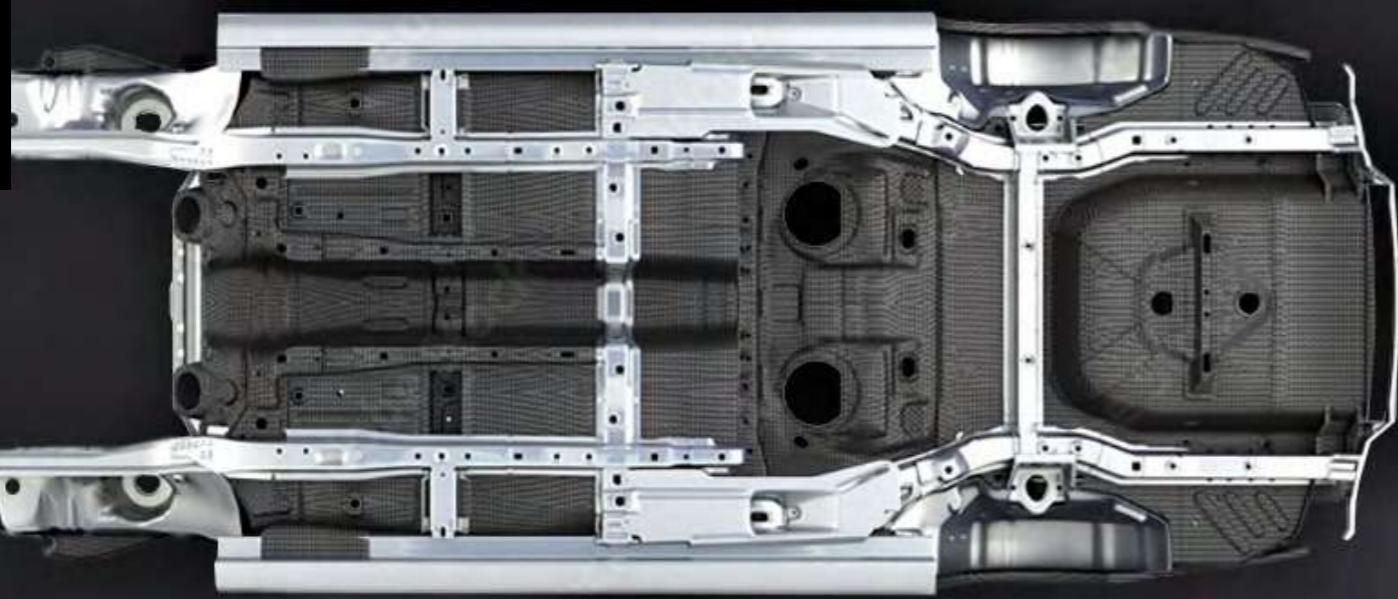
SI21 is an incredibly strong 2-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

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 600°F

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 30"- 2 lbs
- Thermal Shock-Resistant
- Save on fuel Save on repaints



# SI32

2-Component (2K)

## Undercoat Textured Transparent for semi gloss surfaces

Product ID	: SI322000 67 oz / 4.4 lbs
Consumption	: 3 layers 0.050 lbs/ft <sup>2</sup> - 0.76 oz/ ft <sup>2</sup> = 3 mil/ 90 ft <sup>2</sup>
Reachable area	: 2 layers 0.033 lbs/ft <sup>2</sup> - 0.51 oz/ ft <sup>2</sup> = 2 mil/180 ft <sup>2</sup> : 1 layer 0.017 lbs/ft <sup>2</sup> - 0.25 oz/ ft <sup>2</sup> = 1 mil/270 ft <sup>2</sup>
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 600°F.

Expected life duration up to 30 years+



How to use: Page 35

- Impact Resistance 30"-2lbs
- 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

Product ID	: SI322000 67 oz / 4.4 lbs (Tinted on location)
Consumption	: 3 layers 0.050 lbs/ft <sup>2</sup> - 0.76 oz/ ft <sup>2</sup> = 3 mil/ 90 ft <sup>2</sup>
Reachable area	: 2 layers 0.033 lbs/ft <sup>2</sup> - 0.51 oz/ ft <sup>2</sup> = 2 mil/180 ft <sup>2</sup> : 1 layer 0.017 lbs/ft <sup>2</sup> - 0.25 oz/ ft <sup>2</sup> = 1 mil/270 ft <sup>2</sup>
Hardness	: H9
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 600°F.

Expected life duration up to 25 years+



How to use: Page 35

- Impact Resistance 30"- 2 lbs
- Easy to apply Repaintable
- Cut maintenance costs
- Anti-water spot Anti-corrosion
- 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.



X-SMART  
Stabilizer plates

## 16 High Grade Coloring chemicals



Titanium White  
Masstone Tint 844-0061 1.05 gal



Quinacridone Red  
Masstone Tint 844-0451 32 oz



Scarlet Red  
Masstone Tint 844-0526 32 oz



Lead Free Orange  
Masstone Tint 844-0982 32 oz



Trans Red Oxide  
Masstone Tint 844-1054 32 oz



Red Oxide  
Masstone Tint 844-1063 32 oz



Burnt Umber  
Masstone Tint 844-1352 32 oz



Trans Yellow Oxide  
Masstone Tint 844-1852 32 oz



Yellow Oxide  
Masstone Tint 844-1863 32 oz



Lead Free Med Yellow  
Masstone Tint 844-2555 32 oz



Yellow  
Masstone Tint 844-2826 32 oz



Organic Yellow  
Masstone Tint 844-2852 32 oz



PHTHALO Green  
Masstone Tint 844-5558 32 oz



Quinacridone Violet  
Masstone Tint 844-9451 32 oz



Lamp Black  
Masstone Tint 844-9955 32 oz



PHTHALO BLUE  
Masstone Tint 844-7262 32 oz

## Color card

Residential		
SI13 White Egg-Shell (Flat Finish) 15/25 (20/60°)	SI41 Textured White Semi Gloss 41/69 (20/60°)	
SI15 White Egg Shell (Flat Finish) 18/28 (20/60°)	SI42 Textured White Matte 11/21 (20/60°)	
SI21 White Gloss 49/77 (20/60°)		
SI22 White Satin 33/59 (20/60°)		
Original	RAL 9018	RAL 3015
Cool white	Papyrus white	Light pink
RAL 9001	RAL 9022	RAL 9007
Cream white	Pearl light grey	Pastel blue
RAL 9002	RAL 9023	RAL 4009
Grey white	Pearl dark grey	Pastel violet
RAL 9003	RAL 1000	RAL 6027
Signal white	Green beige	Light green
RAL 9004	RAL 1001	RAL 7000
Signal black	Beige	Squirrel grey
RAL 9005	RAL 1002	RAL 1036
Jet black	Sand yellow	Pearl gold
RAL 9006	RAL 1011	RAL 8029
White aluminium	Brownbeige	Pearl copper
RAL 9007	RAL 1013	RAL 4012
Grey aluminium	Pearl white	Pearl blackberry
RAL 9010	RAL 1014	RAL 5025
Pure white	Ivory	Pearl gentian blue
RAL 9011	RAL 1015	RAL 6036
Graphite black	Light ivory	Pearl opal green
RAL 9016	RAL 9017	Mahogany braun

Wood		
SI11 Transparent Gloss 51/78 (20/60°)	SI11 Transparent	
SI12 Transparent Matte 11/21 (20/60°)		
SI22 White Satin 33/59 (20/60°)		
Original	SI11 Transparent	
Cool white	SI11 Light	
RAL 9001	SI11 Nut	
Cream white	SI11 Colonial	
Grey white		
Signal white		
Signal black		
Jet black		
White aluminium		
Grey aluminium		
Pure white		
Graphite black		
Traffic white		

Industrial		
SI11 Transparent Gloss 51/78 (20/60°)	Original	
SI21 White Gloss 49/77 (20/60°)	Cool white	
SI22 White Satin 33/59 (20/60°)	Fire red	
Original	Transparent	
Cool white	Luminous yellow	
Fire red	Traffic red	
Transparent	Jet black	
Luminous yellow	Golden yellow [Cat]	
Traffic red	Leaf green [J.D Deere]	
Jet black	Light grey	
Golden yellow [Cat]	Dark grey	
Leaf green [J.D Deere]	Silver grey	
Light grey	Dark grey	
Dark grey	Silver grey	
Silver grey	Signal brown	
Signal brown	Pale brown	

Marine		
Military		
Antifouling		
SI12 Transparent Matte 11/21 (20/60°)	SI31 Textured Transparent Semi Gloss 41/69 (20/60°)	SI14 Color 31/41 (20/60°)
SI1 White Gloss 41/69 (20/60°)	SI33 Textured Black Semi Gloss 41/69 (20/60°)	
SI2 Textured White Matte 11/21 (20/60°)	SI42 Textured White Matte 11/21 (20/60°)	
Original	Original	Original
Cool white	Cool white	Cool white
Fire red	Transparent matte	Transparent
Pure white	Burgundy	Jet Black
Burgundy	Blue grey	Signal Red
Platinum	NATO green	Ultra marine blue
Jet black	Graphite grey	Signal Grey
Distant blue	Light green	
Traffic black	Desert sand	
Turquoise blue	Light grey	
Light grey	Camo beige	
Pure white	Violet blue	
Silver grey	Light blue	
Cream	Dark grey camo	
Beige	Ultramarine blue	
Sapphire blue	Dark brown camo	
Olive drap	Olive yellow	
Very dark drap	Signal blue	
Olive drap	Olive yellow	
Very dark drap	Signal blue	



# SIX1

2-Component (2K)

## Primer Epoxy Polyamide

heavy duty - anti-corrosion



**Product ID** : SIX11250-WH/GR 42 oz / 3.2 lbs SIX15000-WH/GR 1.32 gal / 12.8 lbs

**Consumption** : 2 layers +/- 0.53 lbs/ft<sup>2</sup> - 0.7 oz/ft<sup>2</sup> 80 micron = 50 ft<sup>2</sup>

**Reachable area** : 1 layer +/- 0.26 lbs/ft<sup>2</sup> - 0.4 oz/ft<sup>2</sup> 40 micron = 100 ft<sup>2</sup>

**Hardness** : H5

**Colors** : White, Grey or RAL (RAL Minimum Order 250 pcs 1.32 gal)

**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, aluminum in 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% and can be painted over within 8 hours 85°F, 1 hours 140°F.



# SIX2

2-Component (2K)

## Primer Surfacer Acrylic Alkyd

smooth - surface modifier



**Product ID** : SIX21250-WH/GR 42 oz / 3.2 lbs SIX25000-WH/GR 1.32 gal / 12.8 lbs

**Consumption** : 2 layers +/- 0.44 lbs/ft<sup>2</sup> - 0.7 oz/ft<sup>2</sup> 60 micron = 60 ft<sup>2</sup>

**Reachable area** : 1 layer +/- 0.22 lbs/ft<sup>2</sup> - 0.4 oz/ft<sup>2</sup> 30 micron = 120 ft<sup>2</sup>

**Hardness** : H3

**Colors** : White or Grey

**Used on** : Steel, aluminium, wood, fiberglass, and old paint systems.

**Application area** : Buildings, marine, airports, bridges



Fast Repaintable

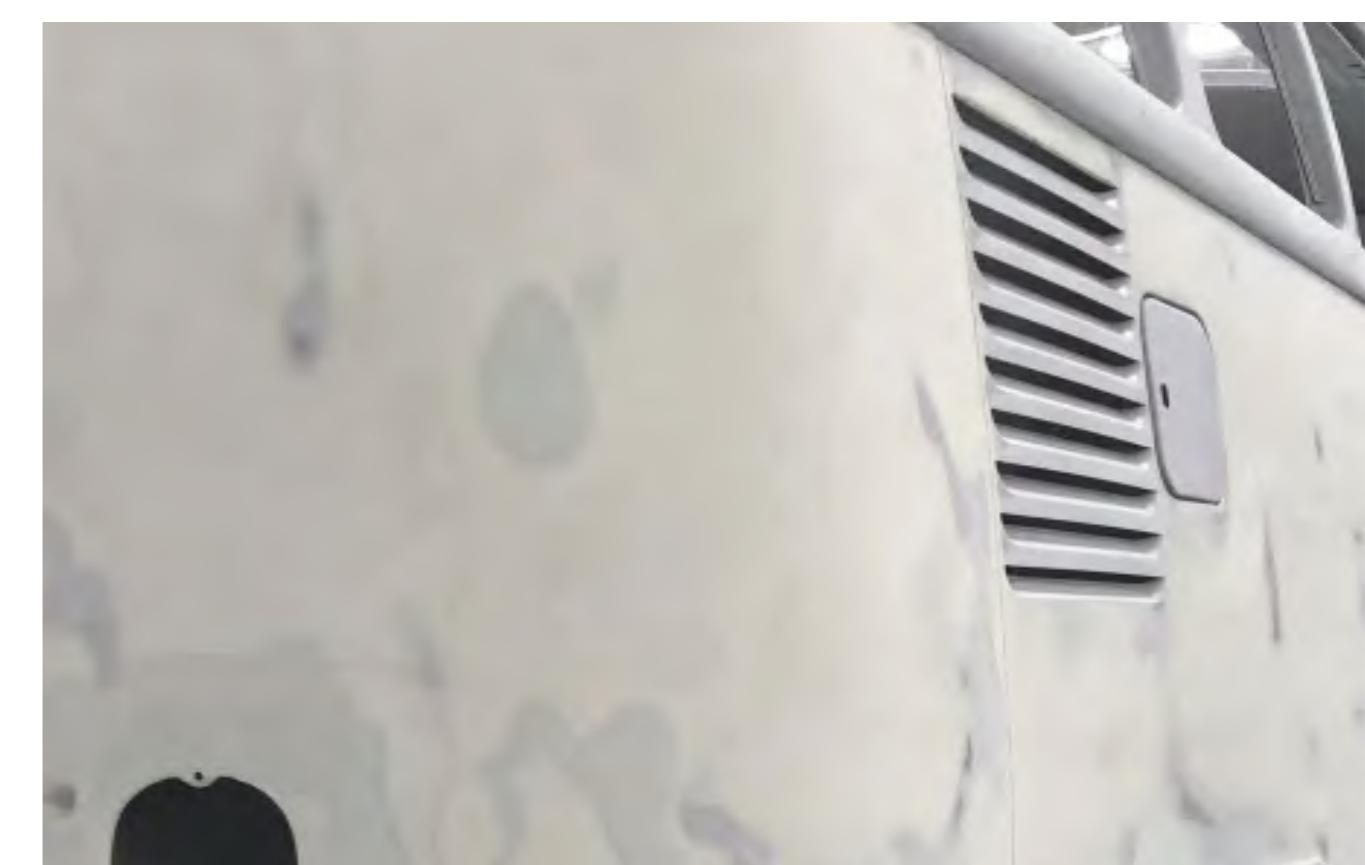


Excellent adhesion



VOC Free

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 85°F, 1 hours 140°F.



# SIX3

2-Component (2K)

## Primer PU Wood Filler

surface modifier - absorbtion reducer

Product ID	: SIX31500 51 oz / 3.3 lbs
Consumption	: 2 layers +/- 0.40 lbs/ft <sup>2</sup> - 0.6 oz/ft <sup>2</sup> 60 micron = 80 ft <sup>2</sup>
Reachable area	: 1 layer +/- 0.20 lbs/ft <sup>2</sup> - 0.3 oz/ft <sup>2</sup> 30 micron = 120 ft <sup>2</sup>
Hardness	: H4
Used on	: Steel, Aluminium and other organic surfaces
Application area	: Buildings, marine, airports, offshore structures, bridges

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

Product ID	: SIX51000-WH/GR 2.2 lbs
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

Product ID	: RETA0400 14 oz / 0.85 lbs
Product ID	: ACCL0200 7 oz / 0.4 lbs

If your application needs a longer flash time (for example, in hot temperatures) to build up the layer with a second or third coat, you can add the RETA Retarder. If you want to speed up the curing process, you can add the ACCL Accelerator. It can reduce curing time by 30–70% compared to uncatalyzed systems, and full hardness can develop 1.5–2× faster.



# SOLV

Thinner solvent

for all types of our ceramic paint & coating

**Product ID** : SOLV0400 14 oz / 0.8 lbs SOLV2000 64oz / 3.9 lbs

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: 41-86°F  
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.

### 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 x 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)



Mask



Nitrile gloves

#### 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 68°F) 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: 41-86°F  
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**

### Instructions for use:

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), Hydro-chloric 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.



## 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: 41-86°F  
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**

### 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!**

### 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



# 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**