

# NANO-CERAMIC®

WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS



**Agricultural / Heavy Equipment** Clean & Protect

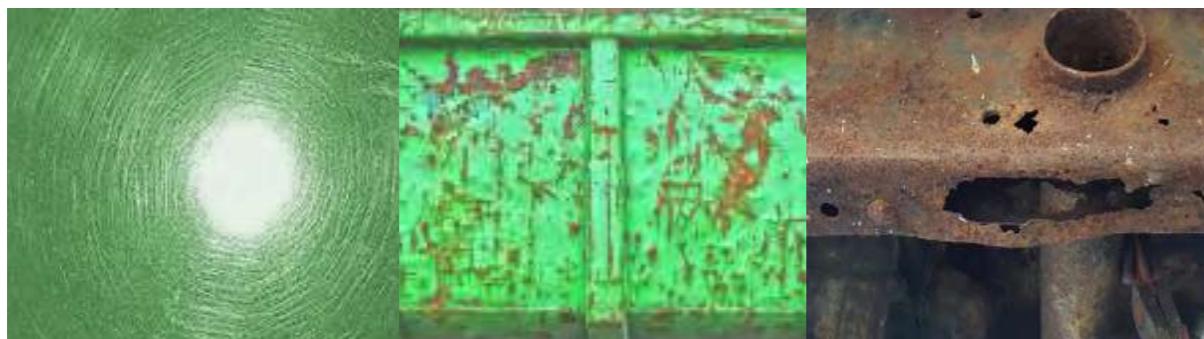
## What is NANO-CERAMIC Thin Film Coating?

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 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





# SIO3 GLOSS

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

**Article Nr** : SIO3BKIT 50 ml 6 Micron SIO2BKIT 50 ml 2 Micron  
**Consumption** : +/- 2 ml/m<sup>2</sup>  
**Reachable area** : +/- 50 m<sup>2</sup> Body panels + 50 m<sup>2</sup> Windshield  
**Used for** : Clearcoat, windshields, mirrors, plastics, steel  
**Application field** : Agricultural, Heavy Equipment

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 31

- 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

**Article Nr** : SIO5BKIT 50 ml 6 Micron SIO2BKIT 50 ml 2 Micron  
**Consumption** : +/- 2 ml/m<sup>2</sup>  
**Reachable area** : +/- 50 m<sup>2</sup> Body + 50 m<sup>2</sup> Windshield  
**Used for** : Clearcoat, windshields, mirrors, plastics, steel  
**Application field** : Agricultural, Heavy Equipment

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

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- Visibility safety
- Protects your investment

Applicator:





# STEP

## One Step Polish for scratch removal

**Article Nr**  
**Consumption**  
**Used for**  
**Application field**

: STEP0250 250ml  
: 5ml/m<sup>2</sup>  
: Clearcoat, glass and acrylic  
: Agricultural, Heavy Equipment



### 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 series 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  
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# CLEAN

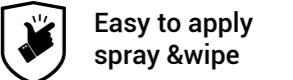
## Steril Cleaner for hard surface pretreatment

**Article Nr** : CLEAN0500 500 ml  
CLEAN5000 5 L / CLEAN020L 20 L  
**Consumption** : +/- 2.5 ml/m<sup>2</sup>  
**Used for** : Clearcoat, windshields, mirrors, plastics, steel  
**Application field** : Agricultural, Heavy Equipment



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



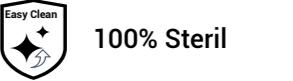
Easy to apply  
spray & wipe



Indoor  
Outdoor



Remove grease



Easy Clean



100% Steril



Visibility  
Safety

Applicator:



100% Steril



APPLY  
VIDEO  
SCAN  
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# SNOW

## Wash Foam for all exterior surfaces

<b>Article Nr</b>	: SNOW5000 5 L / SNOW020L 20 L
<b>Dilution Ratio</b>	: 1:4 (Typical foam gun basket capacity: 1 L)
<b>Consumption</b>	: ~20 Washes 5 L ~ 80 Washes 20 L
<b>Used for</b>	: Cleaning all exterior surfaces
<b>Application field</b>	: Agricultural, Heavy Equipment

Snow Wash (Wash Foam) – Long-Soak Cleaning for Agricultural & Heavy Equipment

Snow Wash is a high-performance foaming cleaner with foam enhancers and stabilizers for a rich, lasting foam blanket that softens and lifts dirt, grease, and grime from heavy machinery.

Powered by Reactivating Pure Shine Technology, it includes a rinsing aid that leaves surfaces nearly dry after rinsing. To maintain the "easy-to-clean" effect of our nano protective layers, ensure surfaces are free of dyes, waxes, or polymer sealants.

Free from polymers, waxes, and colorants, it leaves no chemical film or risk of discoloration. Safe for all non-porous surfaces and food-grade compliant—ideal for farm and industrial equipment, even in hygiene-critical environments.

Dilution ratio 1: 4



-  **Easy to apply**
-  **Easy to clean**
-  **Stays cleaner longer**
-  **Food grade**
-  **Biodegradable**
-  **Applicator:**  
A small image of a folded grey cloth.

# MPCL

## Multi Purpose Cleaner for all interior surfaces

<b>Article Nr</b>	: MPCL0500 500 ml / MPCL5000 5 L / MPCL020L 20 L
<b>Consumption</b>	: 5ml/m <sup>2</sup>
<b>Used for</b>	: Cleaning all interior surfaces, incl carpet
<b>Application field</b>	: Agricultural, Heavy Equipment

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 or discolor the surface.



-  **Easy to apply spray & wipe**
-  **No discoloration**
-  **Indoor Outdoor**
-  **Quick to use**
-  **Spills are easy to remove**
-  **Cleaner for longer**



APPLY  
VIDEO  
SCAN  
QR CODE

## 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 is not just another coating—it's a next-generation solution designed to simplify and cut maintenance costs for agricultural and heavy equipment. By replacing complex multi-layer systems with a single high-performance layer, it makes the application process faster and more efficient.

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.

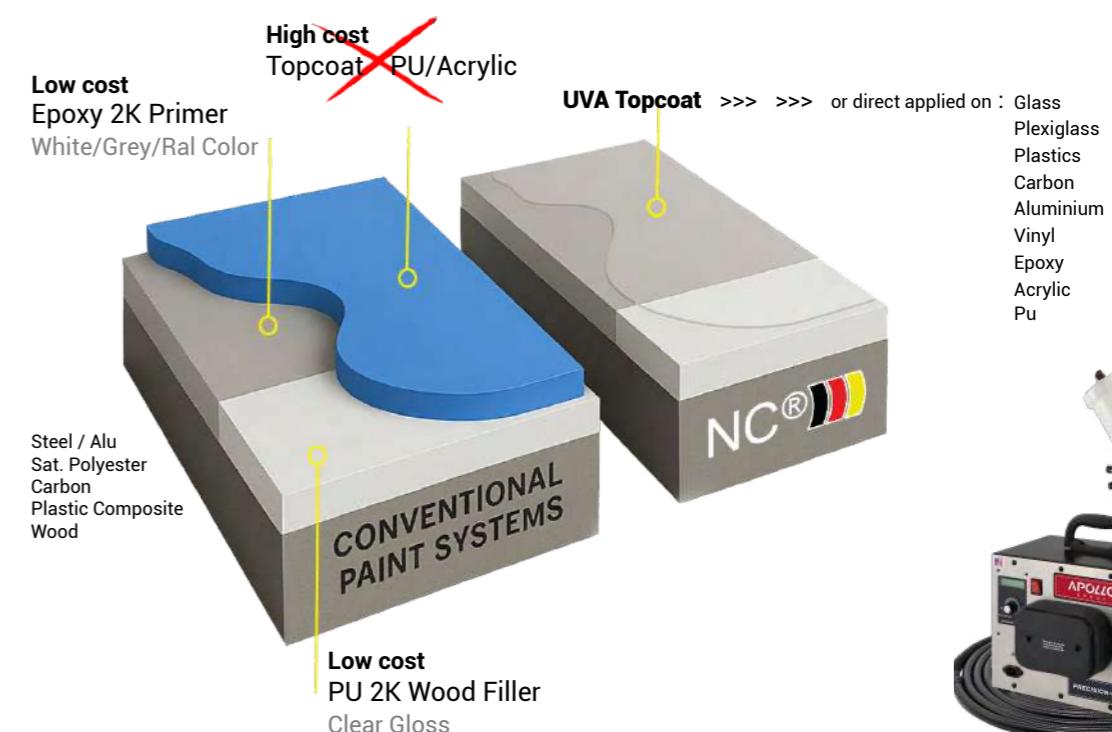
## Where can UVA Topcoat be used?

UVA Topcoat is highly versatile and ideal for a wide range of agricultural and heavy equipment applications:

- Exteriors – Body panels, cabs, roofs, hoods, and protective covers for durable, long-lasting protection
- Working Components – Buckets, blades, arms, and frames with resistance to abrasion, impact, and chemicals
- Cab Interiors – Dashboards, seats, controls, walls, and floors for easy cleaning and a lasting finish
- Undercarriage & Chassis – Protection against corrosion, mud, fertilizers, salts, and harsh field conditions

Compatible with both new machinery and retrofits, UVA Topcoat adapts to diverse materials and the demanding operating conditions of agricultural and heavy equipment.

## 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

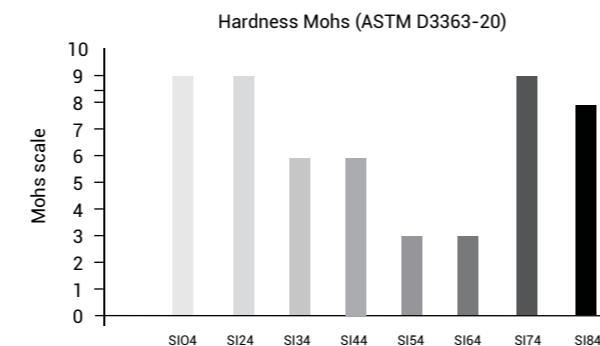
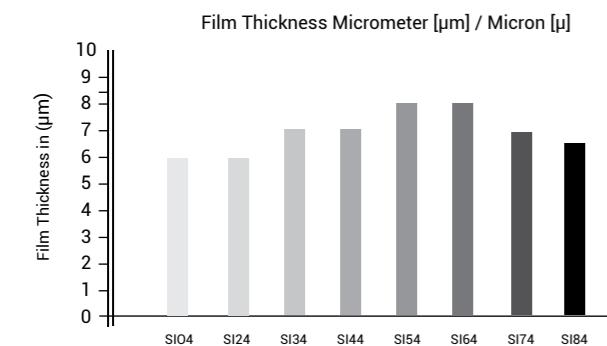
UVA Topcoat is engineered for maximum efficiency with minimal material use—delivering high-performance protection at a fraction of the volume required by traditional coatings.

Recommended usage is approximately  $\pm 12.5 \text{ g/m}^2$  per layer (by wipe or spray), resulting in a film thickness of around 6 microns, with one liter covering up to 80  $\text{m}^2$ .

## 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.

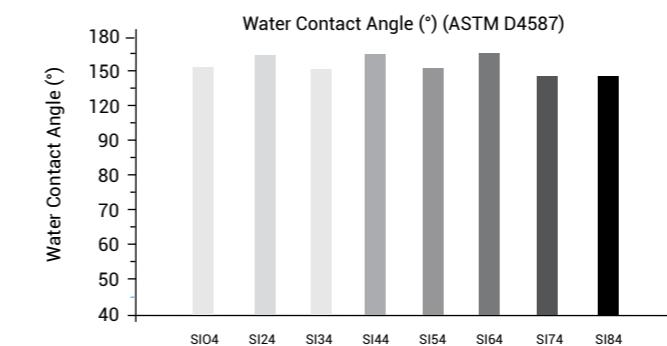
Perfect for any visible surface requiring a durable, colored finish without compromising the coating's hydrophobic and chemical-resistant properties.



## 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>60°C</b>	<b>91°C</b>	177°C	263°C	300°C
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>	<b>3%</b>	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)





APPLY  
VIDEO  
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# S104

1-Component (2K)

## Topcoat Transparent for glossy surfaces

**Article Nr** : S1041LUVA 1L / 920 g S10405UVA 500 ml / 460 g  
**Consumption** : 3 layers +/- 34.6 g/m<sup>2</sup> - 37.5 ml/m<sup>2</sup> 18 micron = 20 m<sup>2</sup>  
**Reachable area** : 2 layers +/- 23.0 g/m<sup>2</sup> - 25.0 ml/m<sup>2</sup> 12 micron = 40 m<sup>2</sup>  
: 1 layer +/- 11.5 g/m<sup>2</sup> - 12.5 ml/m<sup>2</sup> 6 micron = 80 m<sup>2</sup>

**Hardness/Cupping** : H9 / Flexibility ISO 1520 >21mm

**Used for** : Painted surfaces, steel, chrome, plastics

**Application field** : Agricultural, Heavy Equipment

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 300°C.

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



How to use: Page 32



Easy to apply  
Repaintable



Cut maintenance  
costs



Anti-water spot  
Anti-corrosion



Permanent  
hydrophobic



Self-cleaning  
Cleaner for longer



Anti-scratch



Impact Resistance  
1kg / 80cm



Protects your  
investment



# S124

1-Component (1K)

## Topcoat Transparent for matte surfaces

**Article Nr** : SI241LUVA 1L / 920 g SI2405UVA 500 ml / 460 g  
**Consumption** : 3 layers +/- 34.6 g/m<sup>2</sup> - 37.5 ml/m<sup>2</sup> 18 micron = 20 m<sup>2</sup>  
**Reachable area** : 2 layers +/- 23.0 g/m<sup>2</sup> - 25.0 ml/m<sup>2</sup> 12 micron = 40 m<sup>2</sup>  
: 1 layer +/- 11.5 g/m<sup>2</sup> - 12.5 ml/m<sup>2</sup> 6 micron = 80 m<sup>2</sup>

**Hardness/Cupping** : H9 / Flexibility ISO 1520 >21mm

**Used for** : Painted surfaces, steel, chrome, plastics

**Application field** : Agricultural, Heavy Equipment

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How to use: Page 32



Easy to apply  
Repaintable



Cut maintenance  
costs



Anti-water spot  
Anti-corrosion



Permanent  
hydrophobic



Self-cleaning  
cleaner for longer



Anti-scratch



Impact Resistance  
1kg / 80cm



Protects your  
investment



TEST  
REPORT  
SCAN QR  
CODE



## Multi-Grade Color Protection – Super Transparent

For boats where weight, speed, and durability matter, our advanced hybrid coating system offers a breakthrough: vibrant transparent tints or metallic finishes without sacrificing performance. By blending NANO-CERAMIC® Super Transparent Colorants into our UVA Topcoat, you get:

Ultra-thin coating (<15 microns) = minimal weight

H9 surface hardness = max scratch resistance

Hydrophobic & anti-fouling = fast cleaning, less drag

UV & salt resistant = marine-grade longevity

Clear or colored: keep visibility through glass or plexi

Optional metallic effect for custom marine finishes

Perfect for:

Plexiglass hatches & windscreens



Cabin glass, partitions, skylights



Carbon fiber panels & consoles

TRANSOXIDE RED A-G 130  
Masstone 77491-1 100 ml  
Tint 77491-1 100 ml

Stainless/aluminum trims & detailing

TR.OXIDE YELLOW A-2R 130  
Masstone 77492-1 100ml  
Tint 77492-1 100ml



YELLOW A-N4G 100-ST  
Masstone 279376 100 ml  
Tint 279376 100 ml



RED A-P2Y 100-ST  
Masstone 289404 100 ml  
Tint 289404 100 ml



PINK A-EB 100-ST  
Masstone 287516 100 ml  
Tint 287516 100 ml



BLUE A-BTR 100-ST  
Masstone 290247 100 ml  
Tint 290247 100 ml



RED A-D3GD 130  
Masstone 56110 100 ml  
Tint 56110 100 ml



PINK A-E 130  
Masstone 73915 100 ml  
Tint 73915 100 ml



RED VIOLET A-ER 130  
Masstone 73900 100 ml  
Tint 73900 100 ml



VIOLET A-RL 100  
Masstone 51319 100 ml  
Tint 51319 100 ml



BLUE A-BTG 100-ST  
Masstone 275536 100 ml  
Tint 275536 100 ml



GREEN A-GBX 100-ST  
Masstone 323291 100 ml  
Tint 323291 100 ml



BLACK A-NB 100-ST  
Masstone 289518 100 ml  
Tint 289518 100 ml



BLACK A-NY 100-ST  
Masstone 272060 100 ml  
Tint 272060 100 ml



OXIDE YELLOW A-CR 100  
Masstone 77310 100 ml  
Tint 77310 100 ml



OXIDE YELLOW A-R 100  
Masstone 77492 100 ml  
Tint 77492 100 ml



OXIDE RED A-B 100  
Masstone 77491 100 ml  
Tint 77491 100 ml



WHITE A-R 100  
Masstone 77891 100 ml  
Tint 77891 100 ml

## NANO-CERAMIC®

NANO-CERAMIC®

THE NEW GENERATION COATINGS

NANO-CERAMIC.COM

THE NEW GENERATION COATINGS

NANO-CERAMIC.COM

## Lightweight, Ultra-Hard, Built for Speed. Opaque Ral

This coating system enhances both performance and aesthetics – making archicultural and heavy equipment longer lasting, cleaner, safer and more refined.



YELLOW A-F2G 100  
Masstone 11785  
Tint 11785 100 ml



YELLOW A-H3G 100  
Masstone 11781  
Tint 11781 100 ml



YELLOW A-HRD 100  
Masstone 21108  
Tint 21108 100 ml



ORANGE A-HLD 100  
Masstone 11780  
Tint 11780 100 ml



RED A-D3GD 130  
Masstone 56110 100 ml  
Tint 56110 100 ml



PINK A-E 130  
Masstone 73915 100 ml  
Tint 73915 100 ml



RED VIOLET A-ER 130  
Masstone 73900 100 ml  
Tint 73900 100 ml



VIOLET A-RL 100  
Masstone 51319 100 ml  
Tint 51319 100 ml



BLUE A-BG 100  
Masstone 74160 100 ml  
Tint 74160 100 ml



GREEN A-GNX 130  
Masstone 74260 100 ml  
Tint 74260 100 ml



BLACK A-N 100  
Masstone 77266 100 ml  
Tint 77266 100 ml



OXIDE YELLOW A-BV 100  
Masstone 771740 100 ml  
Tint 771740 100 ml



OXIDE YELLOW A-CR 100  
Masstone 77310 100 ml  
Tint 77310 100 ml



OXIDE YELLOW A-R 100  
Masstone 77492 100 ml  
Tint 77492 100 ml



OXIDE RED A-B 100  
Masstone 77491 100 ml  
Tint 77491 100 ml



WHITE A-R 100  
Masstone 77891 100 ml  
Tint 77891 100 ml

## 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 (PFAS Free) 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 our website.

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

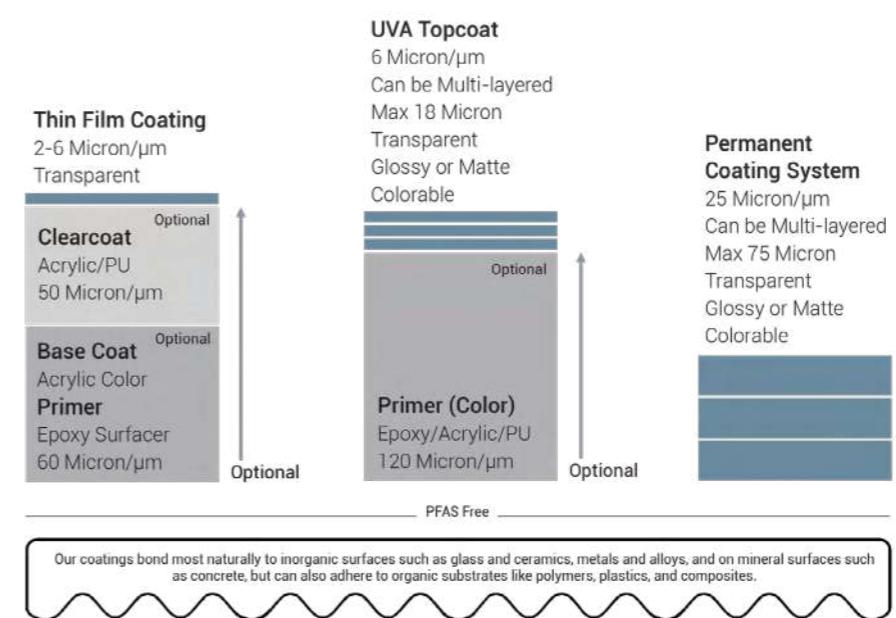
The NANO-CERAMIC permanent coating can be applied directly or indirectly on all kinds of interior and /or exterior surfaces (absorbing and non-absorbing), such as concrete, steel, wood, acrylic, glass, gypsum and many more.



### 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 33

Article Nr	: SI112000 2 L / 1.900 g SI122000 2 L / 2.000 g
Consumption	: 3 layers +/- 270 g /m <sup>2</sup> - 285 ml/m <sup>2</sup> 75 micron = 7 m <sup>2</sup>
Reachable area	: 2 layers +/- 180 g /m <sup>2</sup> - 190 ml/m <sup>2</sup> 50 micron = 14 m <sup>2</sup>
	: 1 layer +/- 90 g /m <sup>2</sup> - 95 ml/m <sup>2</sup> 25 micron = 21 m <sup>2</sup>
Hardness	: H9
Used for	: Painted surfaces, steel, chrome, plastics
Application field	: Agricultural, Heavy Equipment

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 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  
1kg / 80cm



Thermal Shock-  
Resistant



Save on fuel  
Save on repaints



# S121/22

2-Component (2K)

## Paint Strongest White

for glossy or matte surfaces



How to use: Page 33

Article Nr	: SI212000 2 L / 2.400 g SI222000 2 L / 2.500 g
Consumption	: 3 layers +/- 200 g/m <sup>2</sup> - 165ml/m <sup>2</sup> 75 micron = 12m <sup>2</sup>
Reachable area	: 2 layers +/- 130 g/m <sup>2</sup> - 110ml/m <sup>2</sup> 50 micron = 16m <sup>2</sup>
	: 1 layer +/- 65 g/m <sup>2</sup> - 55ml/m <sup>2</sup> 25 micron = 24m <sup>2</sup>
Hardness	: H8
Used for	: Painted surfaces, steel, chrome, plastics
Application field	: Agricultural, Heavy Equipment

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  
1kg / 80cm



Thermal Shock-  
Resistant



Save on fuel  
Save on repaints



TEST  
REPORT  
SCAN QR  
CODE

## 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 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



Yellow  
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

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	Brown beige	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°)		
SI12 Transparent Matte 11/21 (20/60°)		
SI22 White Satin 33/59 (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°)		
SI11 Transparent		
SI1026		
SI11 Light		
SI11 Nut		
SI11 Colonial		

Marine		
SI12 Transparent Matte 11/21 (20/60°)	SI31 Textured Transparent Semi Gloss 41/69 (20/60°)	SI33 Textured Black Semi Gloss 41/69 (20/60°)
SI42 Textured White Matte 11/21 (20/60°)		
Military		
Original	RAL 3000	Transparent
Cool white	Fire red	Transparent matte
RAL 9010	RAL 3004	Light stone
Pure white	RAL 7031	Transparent
Burgundy	RAL 6031	Jet Black
Cream white	RAL 9005	Signal Red
Platinum	RAL 6006	Ultra marine blue
Distant blue	RAL 7015	Signal Grey
Jet black	RAL 7024	
Traffic red	RAL 5008	
Golden yellow [Cat]	RAL 7004	
Leaf green [J.D Deere]	Graphite grey	
Light grey	Light green	
Dark grey	Desert sand	
Silver grey	Camo beige	
Pure white	Dark grey camo	
Cream	Ultramarine blue	
Beige	Dark brown camo	
Olive yellow	Sapphire blue	
Pale brown	Olive drap	
Olive yellow	Signal blue	
	Very dark drap	
Original	RAL 3000	Transparent
Cool white	Fire red	Transparent matte
RAL 9010	RAL 3004	Light stone
Pure white	RAL 7031	Jet Black
Burgundy	RAL 6031	Signal Red
Cream white	RAL 9005	Ultra marine blue
Platinum	RAL 6006	Signal Grey
Distant blue	RAL 7015	
Jet black	RAL 7024	
Traffic red	RAL 5008	
Golden yellow [Cat]	RAL 7004	
Leaf green [J.D Deere]	Graphite grey	
Light grey	Light green	
Dark grey	Desert sand	
Silver grey	Camo beige	
Pure white	Dark grey camo	
Cream	Ultramarine blue	
Beige	Dark brown camo	
Olive yellow	Sapphire blue	
Pale brown	Olive drap	
Olive yellow	Signal blue	
	Very dark drap	



# 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/m<sup>2</sup> - 250 ml/m<sup>2</sup> 80 micron = 5 m<sup>2</sup>

**Reachable area** : 1 layer +/- 120 g/m<sup>2</sup> - 125 ml/m<sup>2</sup> 40 micron = 10 m<sup>2</sup>

**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

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 30°C, 1 hours 60°.



**Fast Repaintable**



**Excellent adhesion**



# 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/m<sup>2</sup> - 210 ml/m<sup>2</sup> 60 micron = 6 m<sup>2</sup>

**Reachable area** : 1 layer +/- 100 g/m<sup>2</sup> - 105 ml/m<sup>2</sup> 30 micron = 12 m<sup>2</sup>

**Hardness** : H3

**Colors** : White, Grey

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

**Application area** : Buildings, hotels, private housing, etc.

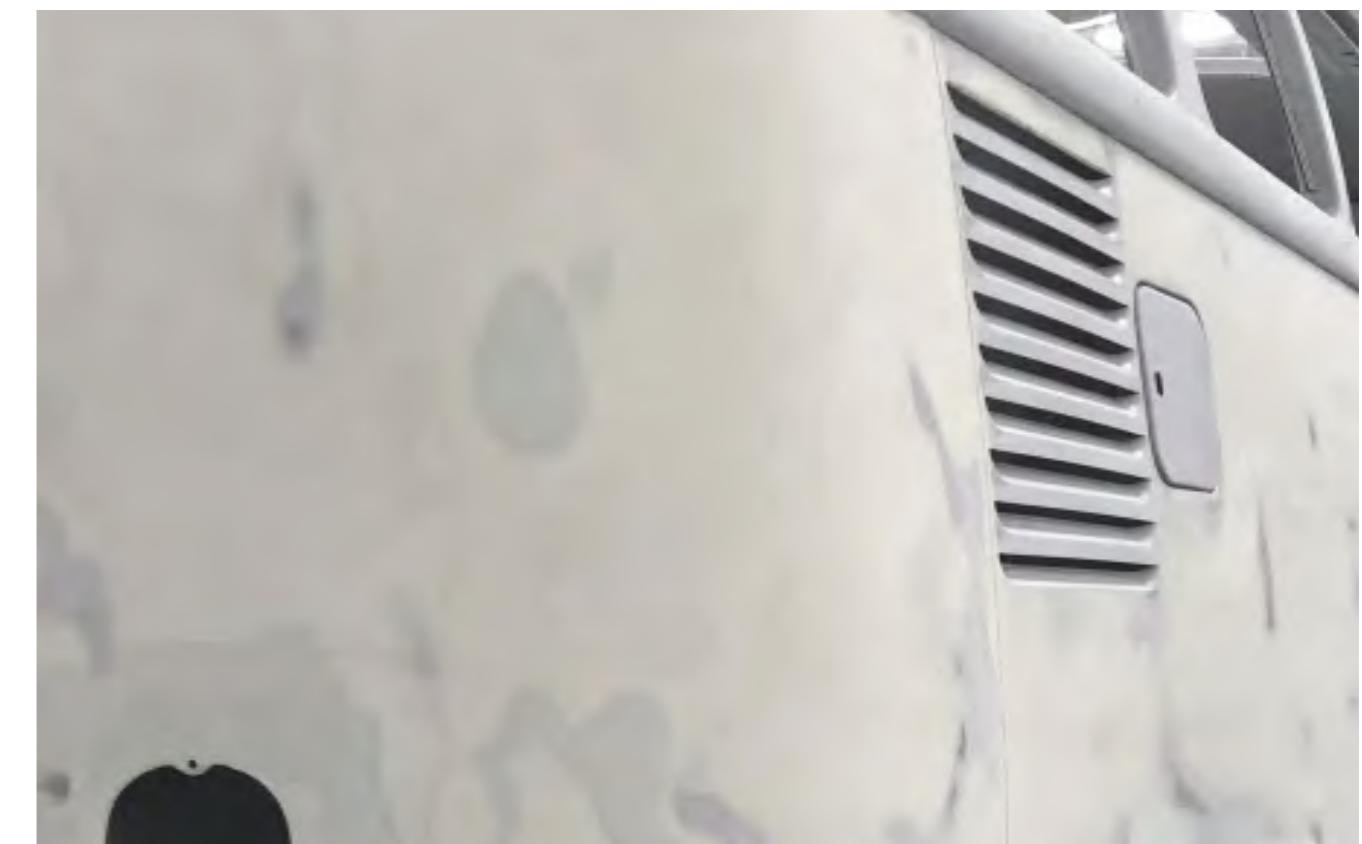
SIX2 High-quality 2K surfacer (two-component basecoat) for auto-refinish, marine, and industrial coating applications where a smooth surface is required. The primer has excellent adhesion to all organic substrates and to all of our ceramic topcoats. The primer can be applied at a relative humidity of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



**Fast Repaintable**



**Excellent adhesion**



# 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/m <sup>2</sup> - 185ml/m <sup>2</sup> 60 micron = 8 m <sup>2</sup>
Reachable area	: 1 layer +/- 115 g/m <sup>2</sup> - 95ml/m <sup>2</sup> 30 micron = 12 m <sup>2</sup>
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



# SIX4

1-Component (1K)

## Primer Acrylic Waterbased

all surfaces modifier

Article Nr.	: SIX41000-WH/GR 1L / 1.2kg SIX44000-WH/GR 4L / 4.8kg
Consumption	: 2 layers +/- 240 g/m <sup>2</sup> - 200 ml/m <sup>2</sup> 60 micron = 5 m <sup>2</sup>
Reachable area	: 1 layer +/- 120 g/m <sup>2</sup> - 100 ml/m <sup>2</sup> 30 micron = 10 m <sup>2</sup>
Hardness	: H3
Colors	: White, Grey or RAL (RAL Minimum Order 250 pcs 4 L)
Used on	: Concrete, wood, drywalls and old waterbased paints
Application area	: Buildings, walls and ceilings indoor or outdoor

SIX4 Acrylic Water-Based Primer is a premium, all-purpose primer-sealer with excellent adhesion, stain-blocking, and hiding power. Ideal for both interior and exterior surfaces, it bonds to glossy surfaces without sanding, effectively blocks stains, and provides a smooth foundation for any solvent-based or water-based topcoat.



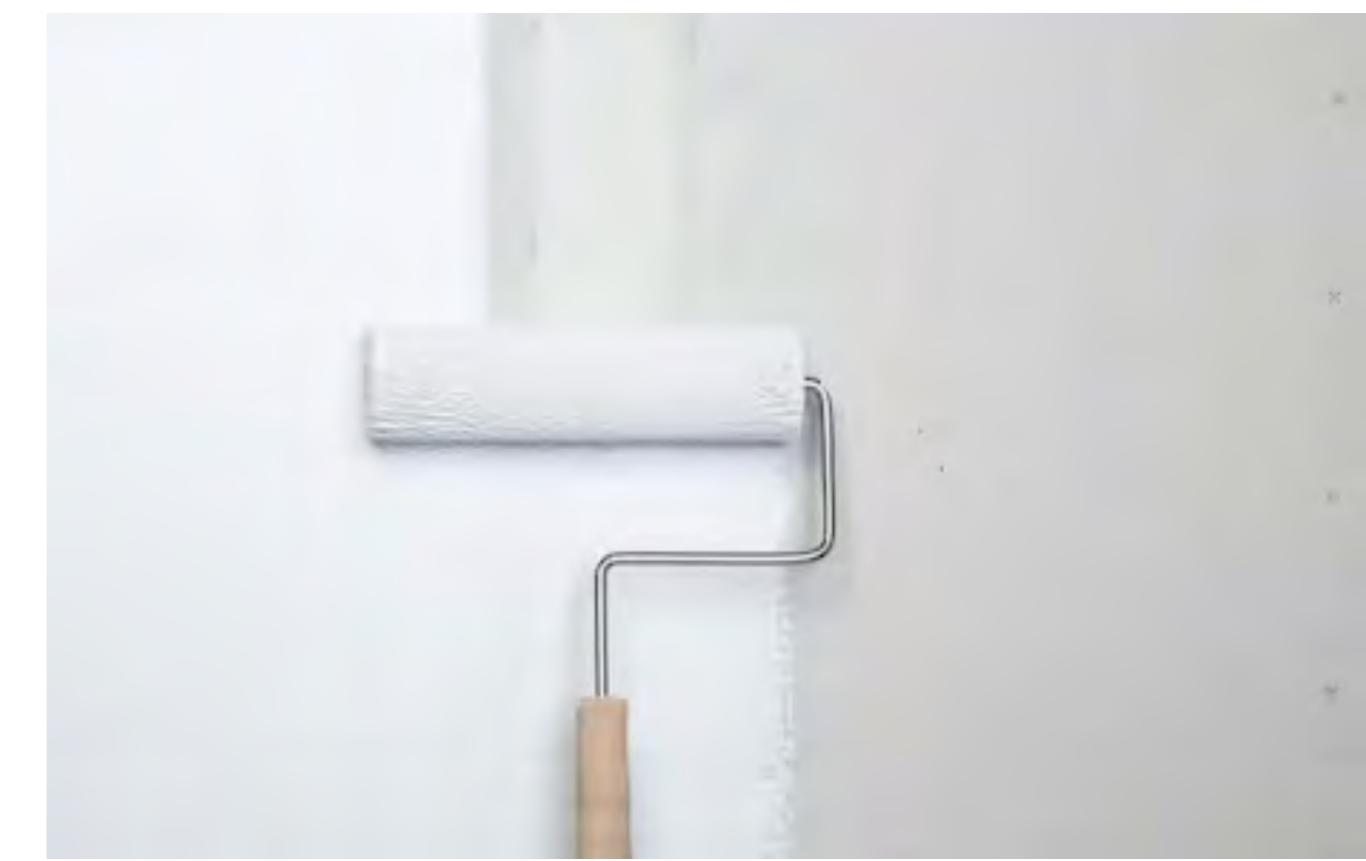
Fast Repaintable



Excellent adhesion



VOC Free



# SOLV

Thinner solvent

for all types of our ceramic paint & coating

Article Nr. : SOLV0400 400ml / 345gr SOLV2000 2L / 1.760gr



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 SI03/SI05+SI02:

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

### 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.

#### 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.

#### Application (SI03-SI05 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)



#### Application (SI02 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**

### 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), 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: 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**

### 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**