# NANO-CERAMIC®

WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS



**Aviation** Clean & Protect

## What is NANO-CERAMIC® Thin Film Coating?

NANO-CERAMIC Thin Film Coating is a revolutionary, ultra-hard, long-lasting ceramic surface coating that provides superior scratch resistance and semi-permanent protection for all factory aircraft paints, as well as for aerospace materials such as aluminum and carbon.

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

NANO-CERAMIC Thin Film Coating forms a super-durable molecular bond with the surface and is more than four times stronger than traditional clear coatings. This allows it to absorb damage that would otherwise affect the factory paint, significantly reducing swirl marks and light scratches. It also protects and preserves the factory paint from environmental damage and corrosion, which can lead to major maintenance issues over time.




Conventional paints are not strong enough, and turbine blades are prone to corrosion.

Commercial planes are typically repainted every seven to ten years, and the old paint must be stripped before any new paint can be applied. These procedures are extremely costly and add significantly to overall maintenance expenses.

NANO-CERAMIC Thin Film Coating is fully resistant to acidic environmental substances, such as bird droppings and acid rain, as well as to oxidation—unlike factory aircraft paint and aluminum parts, which can suffer permanent damage.

NANO-CERAMIC Thin Film Coatings do not etch or dissolve when exposed to harmful substances such as salts, fuels, and hydraulic fluids, keeping the surface clean and maintaining its original appearance.





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

NANO-CERAMIC Thin Film Coating provides aircraft with a superior clear coat that, on winglets, can withstand winds exceeding 600 mph at 30,000 feet. It is highly resistant to chemical etching, much harder than factory aircraft coatings, reduces swirl marks and scratches, and features a semi-permanent hydrophobic surface that is easier to clean and stays cleaner for longer. Even chrome, aluminum, and other metals receive added protection, as our coatings can withstand temperatures above 850°C.

Maintaining the cleanliness and smoothness of the aircraft fuselage, along with applying our thin ceramic coating to turbine blades—which allows higher operating temperatures by preventing thermo-mechanical fatigue (TMF) cracks—is a key factor in achieving fuel savings.

## How it works...




**Step 1** The surface layer of factory gelcoats or paint is damaged and contaminated.

**Step 2** Decontamination and polishing of the gelcoat to produce a smooth, even surface.

**Step 3** Restoration of coating thickness with a super-durable layer of NANO-CERAMIC Thin Film Coating.





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# SIO3 MAX GLOSS




## Fuselage & Windshield Protection
wipe and buff application

**How to use:** Page 20

**Article Nr** : SIO3L150-MAX-GLOSS 3 × 50 ml 8 microns
**Consumption** : +/- 2 ml/m²
**Reachable area** : +/- 25 m² Fuselage + 25 m² Windshield
**Used for** : Clear coat, acrylic
**Application field** : Aviation

Make your aircraft stand out! This kit has everything you need to protect your plane with high-tech thin-film coating.

Just two steps: clean with Steril Cleaner, then apply.

- Protects against corrosion, resists scratches, repels dirt, and keeps surfaces cleaner longer.
- Save fuel with a smoother fuselage and improved turbine efficiency. Less cleaning, fewer water spots, and reduced repainting.

Extends exterior paint life to 5+ years (2 Years on Glass ).

**Easy to apply**
**Cut cleaning costs**
**Anti-water spot Anti-corrosion**
**Permanently hydrophobic**
**Self-cleaning Easy to clean**
**Anti-scratch**
**Save on fuel Save on repaints**
**Protects your investment**







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# SIO5 MAX MATTE




## Fuselage & Windshield Protection
wipe and buff application

**How to use:** Page 20

**Article Nr** : SIO5L150-MAX-MATTE HD 3 × 50 ml 4 microns
**Consumption** : +/- 2 ml/m²
**Reachable area** : +/- 25 m² Fuselage + 25 m² Windshield
**Used for** : Clear coat, acrylic
**Application field** : Aviation

Make your aircraft stand out! This kit has everything you need to protect your plane with high-tech thin-film coating.

Just two steps: clean with Steril Cleaner, then apply.

- Protects against corrosion, resists scratches, repels dirt, and keeps surfaces cleaner longer.
- Save fuel with a smoother fuselage and improved turbine efficiency. Less cleaning, fewer water spots, and reduced repainting.

Extends exterior paint life to 5+ years (2 Years on Glass ).

**Easy to apply**
**Cut cleaning costs**
**Anti-water spot Anti-corrosion**
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**Self-cleaning Easy to clean**
**Anti-scratch**
**Save on fuel Save on repaints**
**Protects your investment**



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# SIO4 GLOSS

## Rigid Fuselage Protection
spray application (self leveling)




**How to use:** Page 21

**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 >0.8”
**Used for** : Clear coat, acrylic, aluminium
**Application field** : Aviation

SIO4 is a single-component, high-performance coating engineered for aircraft surfaces, offering extreme hardness for rigid, non-flexible areas. The coating forms a dense, durable molecular matrix (ceramic transformation), delivering permanent surface protection.

- Effectively repels water, dirt, dust, and pollutants.
- Provides permanent hydrophobic properties with exceptional durability.
- Restores degraded surfaces and reduces cleaning frequency.
- Resistant to a broad range of chemicals and UV radiation.
- Offers superior protection against corrosion and environmental pollution.
- Heat resistance up to 300°C.

Extends exterior paint life to 6–12–18 years, depending on coating thickness.

**Easy to apply**
**Cut cleaning costs**
**Anti-water spot Anti-corrosion**
**Permanently hydrophobic**
**Self-cleaning Easy to clean**
**Anti-scratch**
**Save on fuel Save on repaints**
**Protects your investment**







# SI24 MATTE

## Rigid Fuselage Protection
spray application (self leveling)




**How to use:** Page 21

**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 >0.8”
**Used for** : Clear coat, acrylic, aluminium
**Application field** : Aviation

SI24 is a single-component, high-performance coating engineered for aircraft surfaces, offering extreme hardness for rigid, non-flexible areas. The coating forms a dense, durable molecular matrix (ceramic transformation), delivering permanent surface protection.

- Effectively repels water, dirt, dust, and pollutants.
- Provides permanent hydrophobic properties with exceptional durability.
- Restores degraded surfaces and reduces cleaning frequency.
- Resistant to a broad range of chemicals and UV radiation.
- Offers superior protection against corrosion and environmental pollution.
- Heat resistance up to 300°C.

Extends exterior paint life to 6–12–18 years, depending on coating thickness.

**Easy to apply**
**Cut cleaning costs**
**Anti-water spot Anti-corrossion**
**Super hydrophobic**
**Self-cleaning Easy to clean**
**Anti-scratch**
**Save on fuel Save on repaints**
**Protects your investment**

# SI34 GLOSS

## Flexible Panel Protection
spray application (self leveling)

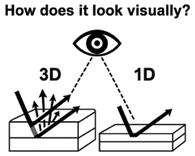



**Article Nr** : SI341LUVA 1 L / 920 g SI3405UVA 500 ml / 460 g
**Consumption** : 3 layers ± 34.6 g/m² - 37.5 ml/m² 18 micron = 20 m²
**Reachable area** : 2 layers ± 23.0 g/m² - 25.0 ml/m² 12 micron = 40 m²
: 1 layer ± 11.5 g/m² - 12.5 ml/m² 6 micron = 80 m²
**Hardness/Cupping** : H6 / Flexibility ISO 1520 >0.94”
**Used for** : Clear coat, acrylic, aluminium
**Application field** : Aviation

**How to use:** Page 21

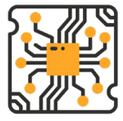
MedHard MedFlex

**How does it look visually?**




SI34 is a single-component, high-performance coating that offers a balanced combination of hardness and flexibility, making it suitable for a wide range of aircraft surfaces. The coating forms a dense, durable molecular matrix, providing long-lasting protection.

Application: Three simple steps – Light Scuff, Clean, Apply.




Key Benefits:

- Protects the original surface against corrosion.
- Creates an anti-scratch surface that’s easier and faster to clean, while significantly reducing dirt adhesion.
- Saves fuel through a smoother fuselage and reduces the need for expensive repaints.
- Provides an outstanding hydrophobic effect, keeping surfaces cleaner longer and minimizing water spots.

Extends exterior paint life to 6–12–18 years, depending on coating thickness.

**Near-permanent**
**Anti-corrosion**
**Permanently hydrophobic**
**Anti-pollution**
**Anti-icing**
**UV protection**
**Self-cleaning Easy to clean**
**Impact resistance 1 kg / 80 cm**
**Thermal shock-resistant**





# SI44 MATTE

## Flexible Panel Protection
spray application (self leveling)

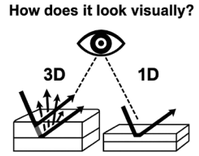



**Article Nr** : SI441LUVA 1L / 920 g SI4405UVA 500 ml / 460 g
**Consumption** : 3 layers ± 34.6 g/m² - 37.5 ml/m² 18 micron = 20 m²
**Reachable area** : 2 layers ± 23.0 gr/m² - 25.0 ml/m² 12 micron = 40 m²
: 1 layer ± 11.5 gr/m² - 12.5 ml/m² 6 micron = 80 m²
**Hardness/Cupping** : H6 / Flexibility ISO 1520 >0.94”
**Used for** : Clear coat, acrylic, aluminium
**Application field** : Aviation

**How to use:** Page 21

MedHard MedFlex

**How does it look visually?**




SI44 is a single-component, high-performance coating that offers a balanced combination of hardness and flexibility, making it suitable for a wide range of aircraft surfaces. The coating forms a dense, durable molecular matrix, providing long-lasting protection.

Application: Three simple steps – Light Scuff, Clean, Apply.

Key Benefits:

- Protects the original surface against corrosion.
- Creates an anti-scratch surface that’s easier and faster to clean, while significantly reducing dirt adhesion.
- Saves fuel through a smoother fuselage and reduces the need for expensive repaints.
- Provides an outstanding hydrophobic effect, keeping surfaces cleaner longer and minimizing water spots.

Extends exterior paint life to 6–12–18 years, depending on coating thickness.

**Near-permanent**
**Anti-corrosion**
**Permanently hydrophobic**
**Anti-pollution**
**Anti-icing**
**UV protection**
**Self-cleaning Easy to clean**
**Impact resistance 1 kg / 80 cm**
**Thermal shock-resistant**

# SI54 GLOSS

## Elastic Surface Protection
spray application (self leveling)

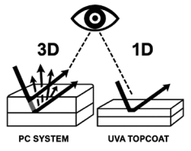



**How to use:** Page 21

**Article Nr** : SI541LUVA 1 L / 920 g SI5405UVA 500 ml / 460 gr
**Consumption** : 3 layers ± 34.6 g/m² - 37.5 ml/m² 18 micron = 20 m²
**Reachable area** : 2 layers ± 23.0 g/m² - 25.0 ml/m² 12 micron = 40 m²
: 1 layer ± 11.5 g/m² - 12.5 ml/m² 6 micron = 80 m²
**Hardness/Cupping** : H3 / Flexibility ISO 1520 >1.02”
**Used for** : Clear coat, acrylic, aluminium
**Application field** : Aviation

LowHard MaxFlex

**How does it look visually?**




SI54 is a single-component, high-performance coating designed for aircraft surfaces that require maximum flexibility and elasticity. Its lower hardness allows it to withstand movement and stress without cracking. The coating forms a dense, durable molecular matrix (ceramic transformation), delivering permanent surface protection even under challenging conditions.

Application: Three simple steps – Light Scuff, Clean, Apply.

Key Benefits:

- Protects the original surface against corrosion.
- Creates an anti-scratch surface that’s easier and faster to clean, while significantly reducing dirt adhesion.
- Saves fuel through a smoother fuselage and reduces the need for expensive repaints.
- Provides an outstanding hydrophobic effect, keeping surfaces cleaner longer and minimizing water spots.

Extends exterior paint life to 6–12–18 years, depending on coating thickness.

**Near-permanent**
**Anti-corrosion**
**Permanently hydrophobic**
**Anti-pollution**
**Anti-icing**
**UV protection**
**Self-cleaning Easy to clean**
**Impact resistance 1 kg / 80 cm**
**Thermal shock-resistant**





# SI64 MATTE

## Elastic Surface Protection
spray application (self leveling)

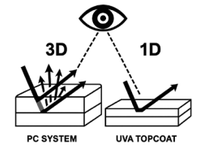



**How to use:** Page 21

**Article Nr** : SI641LUVA 1 L / 970 g SI6405UVA 500 ml / 485 g
**Consumption** : 3 layers ± 34.6 g/m² - 37.5 ml/m² 18 micron = 20 m²
**Reachable area** : 2 layers ± 23.0 g/m² - 25.0 ml/m² 12 micron = 40 m²
: 1 layer ± 11.5 g/m² - 12.5 ml/m² 6 micron = 80 m²
**Hardness/Cupping** : H3 / Flexibility ISO 1520 >1.02”
**Used for** : Clear coat, acrylic, aluminium
**Application field** : Aviation

LowHard MaxFlex

**How does it look visually?**




SI64 is a single-component, high-performance coating designed for aircraft surfaces that require maximum flexibility and elasticity. Its lower hardness allows it to withstand movement and stress without cracking. The coating forms a dense, durable molecular matrix (ceramic transformation), delivering permanent surface protection even under challenging conditions.

Application: Three simple steps – Light Scuff, Clean, Apply.

Key Benefits:

- Protects the original surface against corrosion.
- Creates an anti-scratch surface that’s easier and faster to clean, while significantly reducing dirt adhesion.
- Saves fuel through a smoother fuselage and reduces the need for expensive repaints.
- Provides an outstanding hydrophobic effect, keeping surfaces cleaner longer and minimizing water spots.

Extends exterior paint life to 6–12–18 years, depending on coating thickness.

**Near-permanent**
**Anti-corrosion**
**Permanently hydrophobic**
**Anti-pollution**
**Anti-icing**
**UV protection**
**Self-cleaning Easy to clean**
**Impact resistance 1 kg / 80 cm**
**Thermal shock-resistant**

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# 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**





**BLUE** UVABL0100

Masstone to Transparent Tint

S5007 **100 ml**





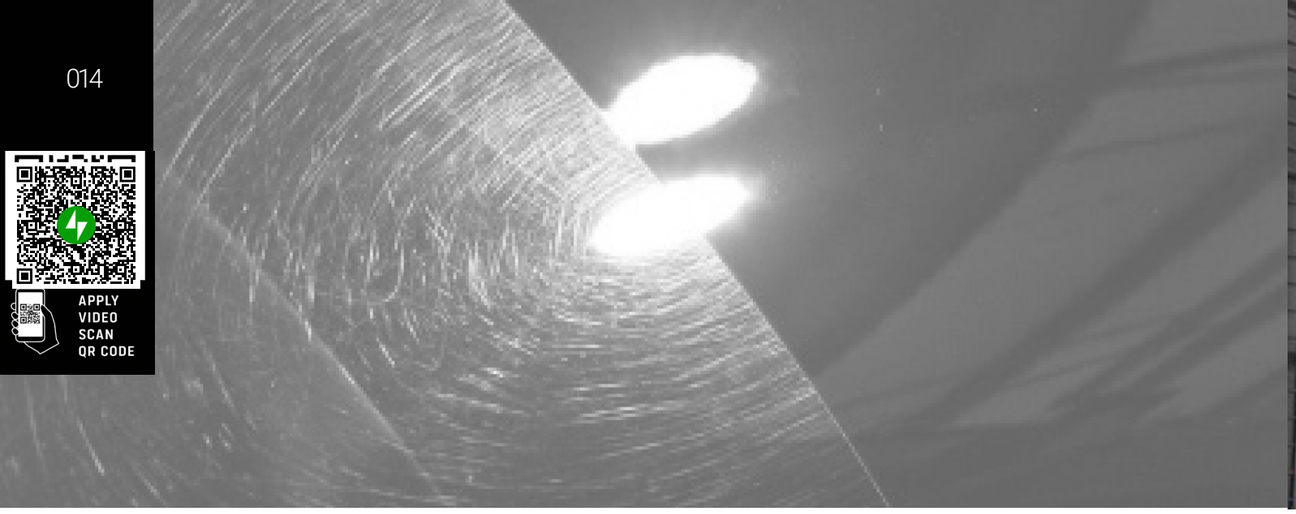
**GREEN** UVAGR0100

Masstone to Transparent Tint

S7154N **100 ml**



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



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# STEP

## One Step Polish
high gloss / zero swirl



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




**Article Nr** : STEP0250 250 ml
**Consumption** : ± 5ml/m²
**Used for** : Clear coat, glass and acrylic
**Application field** : Aviation

Only this high-quality polishing compound, used with the recommended pads, ensures that every aircraft surface can be polished from deep scratches to a high-gloss, zero-swirl finish in a single step.

This saves significant working time, as polishing typically accounts for up to 65% of the total process when applying a thin-film nano coating to an aircraft.

The Purple Wool Heavy Cutting Pad cuts like natural sheepskin but finishes like a polishing pad. It aggressively removes medium scratches, leaving a lustrous, haze-free finish by minimizing compounding swirls.

Pad construction:
Cutting Pad: Blue foam with white microfiber
Micro Cutting Pad: Orange foam with white microfiber
Polishing Pad: Black foam with black microfiber

The pad series is available in 5.5-inch and 3-inch sizes, suitable for both large panels and detailed areas.

**Cut polishing costs**

**Zero swirl and hologram**

**Applicator:**










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# CLEAN

## Steril Cleaner
for hard surfaces




**Article Nr** : CLEAN0500 500 ml
CLEAN5000 5 L / CLEAN020L 20 L
**Consumption** : ± 3.3 ml/m²
**Used for** : Clearcoat, gelcoat, glass, chrome, mirrors
**Application field** : Aviation

100% Sterile with Nano Interlock Technology

- Active lifting action encapsulates grease and contaminants from surfaces.
- Effective surface cleaning and residue removal for panels, tools, and equipment.
- Suitable for gloves, notebooks, phones, or any items entering controlled or sensitive areas.
- Ideal for wipe-downs before entering controlled environments or clean zones.
- Serves as a pretreatment for thin-film coating application.

100% Sterile – Safe and Ready for Aircraft Use

**Easy to apply spray & wipe**

**Indoor Outdoor**

**Remove grease**

**100% Sterile**

**No streaking**

**Applicator:**





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# SHRE

**Pure Shine Shampoo**
for all exterior-interior surfaces




**Article Nr** : SHRE1000 1L / SHRE5000 5 L
SHRE020L 20L (Drum pack on request)
**Consumption** : ± 20 ml per 10 liters of water (1:500)
**Used for** : Cleaning all exterior surfaces
**Application field** : Aviation



SHRE1000L SHRE0500L

Reactivating Pure Shine Shampoo is an advanced, multi-purpose foaming cleaner with a built-in rinsing aid that leaves hard aircraft surfaces nearly dry after rinsing with clean water.

- To maintain the “easy-to-clean” effect of our nano coatings, surfaces should be free of dyes, waxes, or polymer sealants.
- This cleaner contains no polymers or colorants and leaves no chemical residues, ensuring a pristine surface for further coating or inspection.
- 100% safe for all non-porous aircraft surfaces, including galley, lavatory, and cabin areas, and meets food-grade standards where applicable.

**Easy to apply**

**Easy to clean**

**Stays cleaner longer**

**Food grade**

**Indoor Outdoor**

**Applicator:**



Dilution ratio: 1:500 – super economical.



# 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
**Application field** : Aviation

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
- 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 and does not harm the surface

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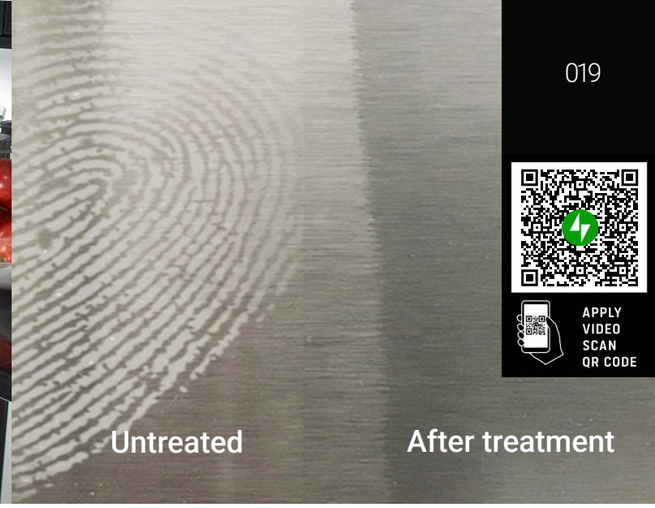
APPLY VIDEO SCAN QR CODE




# SIRP

## Repellent Protector
for plastics / glass / mirrors




**Product ID** : SIRP0500 500 ml / SIRP5000 5 L
SIRP020L 20 L
**Consumption** : ± 2 ml/m²
**Used for** : Protecting interior surfaces
**Application field** : Aviation toilets and bathrooms

SIRP is an invisible, ultra long-lasting coating that forms semi-permanent molecular bonds with hard surfaces. Its primary function is to seal micro-pores, creating a smoother surface that repels water, dirt, and other contaminants. SIRP can also be used as a maintenance product on surfaces previously treated with SIO6, SIO7, or SIO9.

Application: Two simple steps – Clean and Apply.

- Makes surfaces easier and quicker to clean, drastically reducing dirt adhesion.
- Promotes more hygienic surfaces.
- Provides an outstanding hydrophobic effect, keeping surfaces cleaner for longer.
- Reduces cleaning intervals and minimizes the formation of water spots.

Durability: lasts up to 12 washes.

**Easy to apply**
**Indoor Outdoor**
**Cut cleaning costs**
**Anti-water spot**
**Super hydrophobic**
**Self-cleaning Easy to clean**
**Visibility Safety**

**Applicator:**





# SIO7

## Protector
for stainless / aluminum / chrome




**Product ID** : SIO70KIT 30ml
**Consumption** : ± 2 ml/m²
**Reachable area** : ± 15 m²
**Used for** : Stainless steel, aluminum, chrome, paint, varnish
**Application field** : Aviation kitchen galley

SIO7 is an invisible, ultra long-lasting coating that forms semi-permanent molecular bonds with hard surfaces.

Application: Two simple steps – Clean and Apply

- Easy cleaning: fingerprints and smudges wipe off effortlessly with a microfiber towel.
- Anti-bacterial properties enhance surface hygiene.
- Provides an outstanding hydrophobic effect, keeping surfaces cleaner for longer.
- Hardness H9 offers excellent anti-scratch protection.
- Protects against corrosion on metal and composite surfaces.
- NDA Food Contact Approved – safe for galley and cabin surfaces.

Expected life: up to 5 years or more.

**Indoor Outdoor**
**Cut cleaning time**
**H9 hardness**
**Super hydrophobic**
**Anti-corrosion**
**Anti-fingerprint**
**Self-cleaning Cleaner longer**

**Applicator:**



# How to use our Thin Film Coatings SIO3/SIO5+SIO2:

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 protective gear. We always recommend to use latex or nitrile gloves to make sure your hands are protected from any possible damage to your skin. Use a mask for extra safety.



**Mask**



**Nitrile gloves**



**Applicators**

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

**Application SIO3–SIO5-SIO7 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:
Apply 6–8 drops per 40 × 40cm, adjusting if the towel feels too dry.
Start from the center of the section (this helps spread evenly to corners).
Spread with light pressure in criss-cross strokes until the product is evenly applied.
Continue until no residue remains.
Avoid over-applying—uneven layers or rolling up often result from too much product (most common failure).
If applied correctly, almost no polishing is needed.
Polishing with a clean microfiber towel can still be done to remove any remaining haze or residue.

**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 evenly across the glass using firm pressure.
Continue until a light gray haze appears 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 Times
Tough Dry: 5 min
Hard Dry: 2 hours
85% Cured: 12 hours





# 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 protective 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 Indormation**:
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)**

# NANO-CERAMIC®

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## *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**