

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.

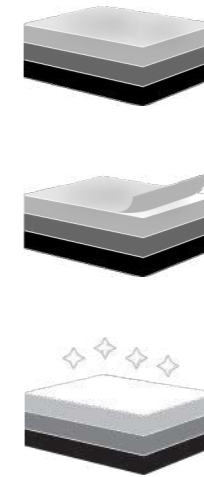
NANO-CERAMIC Thin Film Coatings do not etch or dissolve when exposed to harmful substances such as salts, fuels, and hydraulic fluids, keeping the surface clean and maintaining its original appearance.

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 1800°F.

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.





APPLY VIDEO
SCAN
QR CODE



SIO3 MAX GLOSS

Fuselage & Windshield Protection wipe and buff application

Product ID : SIO3150-MAX-GLOSS 3 x 1.7 oz 10 Micron
Consumption : ± 0.007 oz/ft²
Reachable area : ± 250 ft² Fuselage + 250 ft² Windshields
Used for : Gelcoat, acrylic, aluminium
Application field : Aviation



How to use: Page 20

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**
-  **Super hydrophobic**
-  **Self-cleaning
Easy to clean**
-  **Anti-scratch**
-  **Save on fuel
Save on repaints**
-  **Protects your investment**



APPLY VIDEO
SCAN
QR CODE



SIO5 MAX MATTE

Fuselage & Windshield Protection wipe and buff application

Product ID : SIO5150-MAX-MATTE 3 x 1.7 oz 5 Micron
Consumption : ± 0.007 oz/ft²
Reachable area : ± 250 ft² Fuselage + 250 ft² Windshields
Used for : Gelcoat, acrylic, aluminium
Application field : Aviation



How to use: Page 20

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.
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Anti-corrosion**
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-  **Self-cleaning
Easy to clean**
-  **Anti-scratch**
-  **Save on fuel
Save on repaints**
-  **Protects your investment**



APPLY
VIDEO
SCAN
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SIO4 GLOSS

Rigid Fuselage Protection spray application (self leveling)

Product ID	: SIO41LUVA 32 oz / 2.03 lbs SIO405UVA 16 oz / 1 lbs
Consumption	: 3 layers ± 0.075 lbs/ft ² - 0.12 oz/ft ² 18 micron = 200 ft ²
Reachable area	: 2 layers ± 0.050 lbs/ft ² - 0.08 oz/ft ² 12 micron = 400 ft ² : 1 layer ± 0.025 lbs/ft ² - 0.04 oz/ft ² 6 micron = 800 ft ²
Hardness/Cupping	: H9 / Flexibility ISO 1520 >0.8"
Used for	: Gelcoat, 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 550°F.

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



How to use: Page 21



SIO24 MATTE

Rigid Fuselage Protection spray application (self leveling)

Product ID	: SIO41LUVA 32oz / 2.03 lbs SIO405UVA 16 oz / 1 lbs
Consumption	: 3 layers ± 0.075 lbs/ft ² - 0.12 oz/ft ² 18 micron = 200 ft ²
Reachable area	: 2 layers ± 0.050 lbs/ft ² - 0.08 oz/ft ² 12 micron = 400 ft ² : 1 layer ± 0.025 lbs/ft ² - 0.04 oz/ft ² 6 micron = 800 ft ²
Hardness/Cupping	: H9 / Flexibility ISO 1520 >0.8"
Used for	: Gelcoat, acrylic, aluminium
Application field	: Aviation

SIO24 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 550°F.

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



How to use: Page 21



SI34 GLOSS

Flexible Panel Protection spray application (self leveling)

Product ID : SI341LUVA 32 oz / 2.03 lbs SI3405UVA 16 oz / 1 lbs
Consumption : 3 layers ± 0.075 lbs/ft² - 0.12 oz/ft² 18 micron = 200 ft²
Reachable area : 2 layers ± 0.050 lbs/ft² - 0.08 oz/ft² 12 micron = 400 ft²
 : 1 layer ± 0.025 lbs/ft² - 0.04 oz/ft² 6 micron = 800 ft²
Hardness/Cupping : H6 / Flexibility ISO 1520 >0.94"
Used for : Gelcoat, acrylic, aluminium
Application field : Aviation

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.

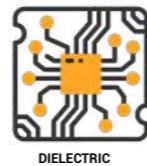
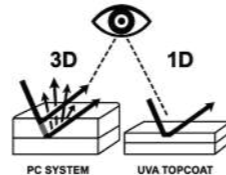
Extends exterior paint life to 6–12–18 years, depending on coating thickness.



How to use: Page 21



How does it look visually?



- Near-permanent**
- Anti-corrosion**
- Permanently hydrophobic**
- Anti-pollution**
- Anti-icing**
- UV protection**
- Self-cleaning
Easy to clean**
- Impact resistance
30"-2lbs**
- Thermal shock-resistant**

SI44 MATTE

Flexible Panel Protection spray application (self leveling)

Product ID : SI441LUVA 32 oz / 2.13 lbs SI4405UVA 16 oz / 1.05 lbs
Consumption : 3 layers ± 0.075 lbs/ft² - 0.12 oz/ft² 18 micron = 200 ft²
Reachable area : 2 layers ± 0.050 lbs/ft² - 0.08 oz/ft² 12 micron = 400 ft²
 : 1 layer ± 0.025 lbs/ft² - 0.04 oz/ft² 6 micron = 800 ft²
Hardness/Cupping : H6 / Flexibility ISO 1520 >0.94"
Used for : Gelcoat, acrylic, aluminium
Application field : Aviation

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.

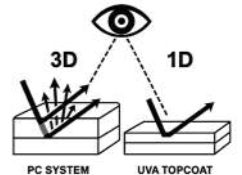
Extends exterior paint life to 6–12–18 years, depending on coating thickness.



How to use: Page 21



How does it look visually?



- Near-permanent**
- Anti-corrosion**
- Permanently hydrophobic**
- Anti-pollution**
- Anti-icing**
- UV protection**
- Self-cleaning
Easy to clean**
- Impact resistance
30"-2lbs**
- Thermal shock-resistant**

SI54 GLOSS

Elastic Surface Protection spray application (self leveling)

Product ID	: SI541LUVA 32 oz / 2.03 lbs SI5405UVA 16 oz / 1 lbs
Consumption	: 3 layers ± 0.075 lbs/ft ² - 0.12oz/ft ² 18 micron = 200 ft ²
Reachable area	: 2 layers ± 0.050 lbs/ft ² - 0.08oz/ft ² 12 micron = 400 ft ² : 1 layers ± 0.025 lbs/ft ² - 0.04oz/ft ² 6 micron = 800 ft ²
Hardness/Cupping	: H3 / Flexibility ISO 1520 >1.02"
Used for	: Gelcoat, acrylic, aluminium
Application field	: Aviation

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.

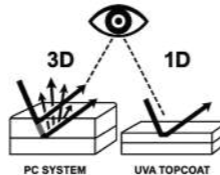
Extends exterior paint life to 6–12–18 years, depending on coating thickness.



How to use: Page 21



How does it look visually?



SI64 MATTE

Elastic Surface Protection spray application (self leveling)

Product ID	: SI641LUVA 32 oz / 2.13 lbs SI6405UVA 16 oz / 1.05 lbs
Consumption	: 3 layers ± 0.075 lbs/ft ² - 0.12 oz/ft ² 18 micron = 200 ft ²
Reachable area	: 2 layers ± 0.050 lbs/ft ² - 0.08 oz/ft ² 12 micron = 400 ft ² : 1 layers ± 0.025 lbs/ft ² - 0.04 oz/ft ² 6 micron = 800 ft ²
Hardness/Cupping	: H3 / Flexibility ISO 1520 >1.02"
Used for	: Gelcoat, acrylic, aluminium
Application field	: Aviation

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.

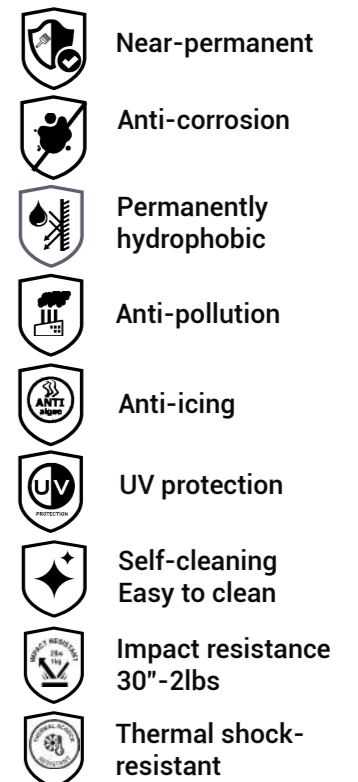
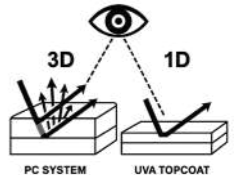
Extends exterior paint life to 6–12–18 years, depending on coating thickness.



How to use: Page 21



How does it look visually?



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.

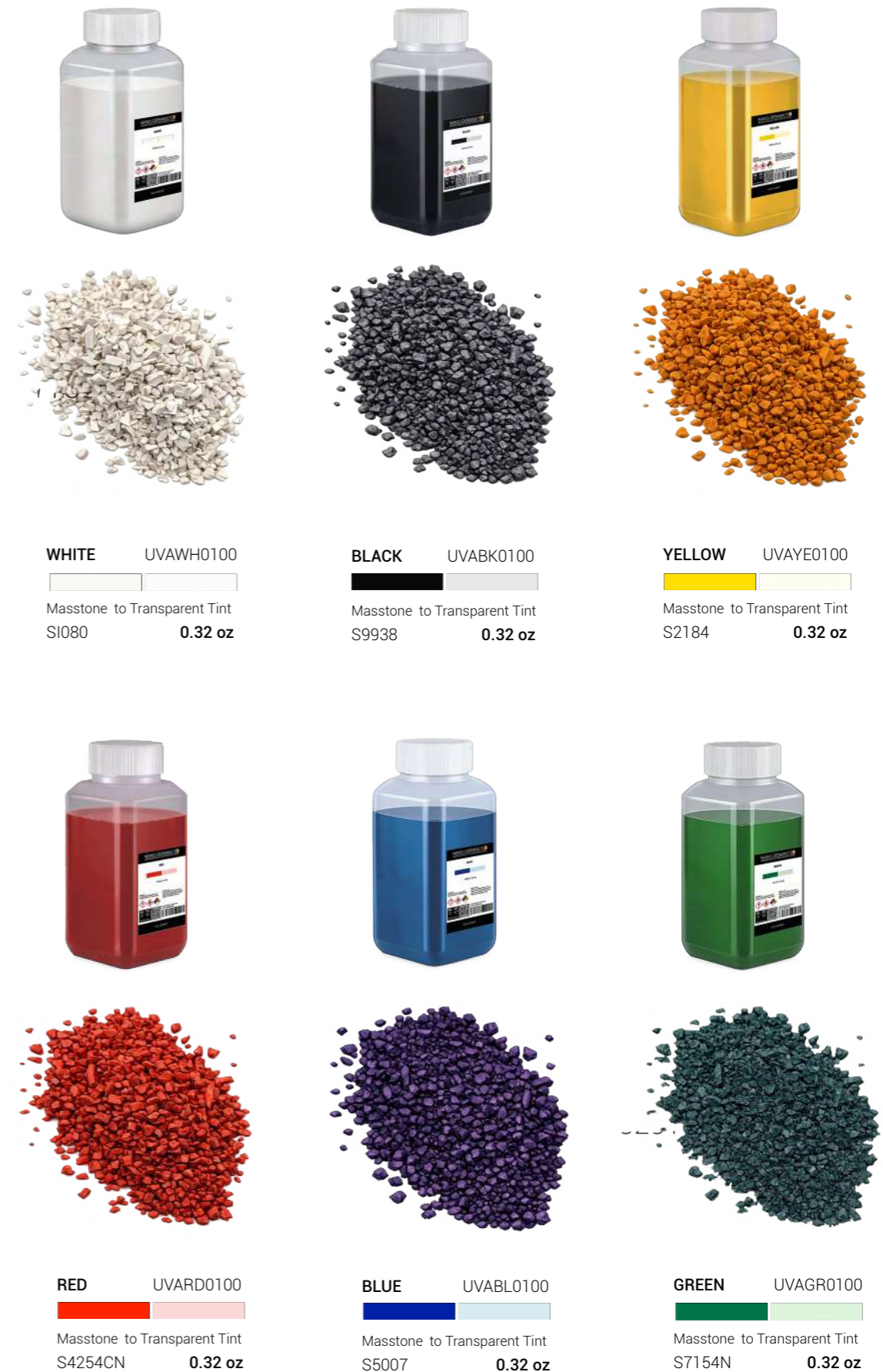
Because the colorants are supplied ready-to-use, incorporation into our coating systems is simple and straightforward. The required amount of colorant can be added directly to the coating and mixed using standard stirring or mechanical mixing.

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.

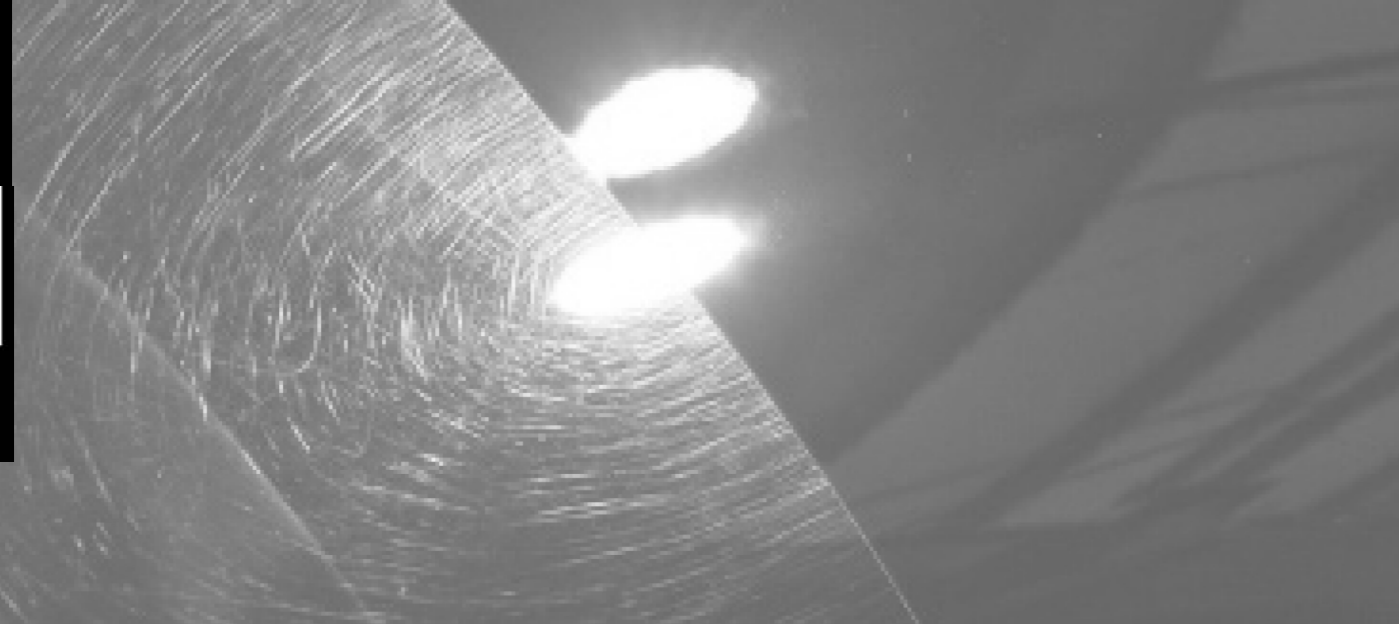
The colorants are specifically engineered to remain fully compatible with our high-performance binder technologies. As a result, color can be introduced without compromising transparency, gloss, durability, or chemical resistance.

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.





APPLY VIDEO SCAN QR CODE



STEP

One Step Polish

high gloss / zero swirl



Product ID : STEPG250 8.5oz
Consumption : ± 0.017 oz/ft²
Used for : Gelcoat, 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 polish costs**
-  **Zero swirl and hologram**

Applicator:



APPLY VIDEO SCAN QR CODE



CLEAN

Steril Cleaner

for hard surfaces



Product ID : CLEAN0500 16 oz / CLEAN5000 1.32 gal
 CLEAN020L 5 gal
Consumption : ± 0.01 oz/ft²
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.

-  **Easy to apply spray & wipe**
-  **Indoor Outdoor**
-  **Remove grease**
-  **100% Sterile**
-  **No streaking**

Applicator:



100% Sterile – Safe and Ready for Aircraft Use



APPLY
VIDEO
SCAN
QR CODE



SHRE

Pure Shine Shampoo for all exterior-interior surfaces

Product ID : SHRE1000 32 oz / SHRE5000 1.32 gal
SHRE020L 5 gal (Drum pack on request)

Consumption : ± 0.7 fl oz per 2.6 gallons 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.



APPLY
VIDEO
SCAN
QR CODE



MPCL

Multi Purpose Cleaner for all interior surfaces

Product ID : MPCL0500 16 oz / MPCL5000 1.32 gal
MPCL020L 5 gal

Consumption : ± 0.017 oz/ft²

Used for : Cleaning all interior surfaces

Application field : Aviation

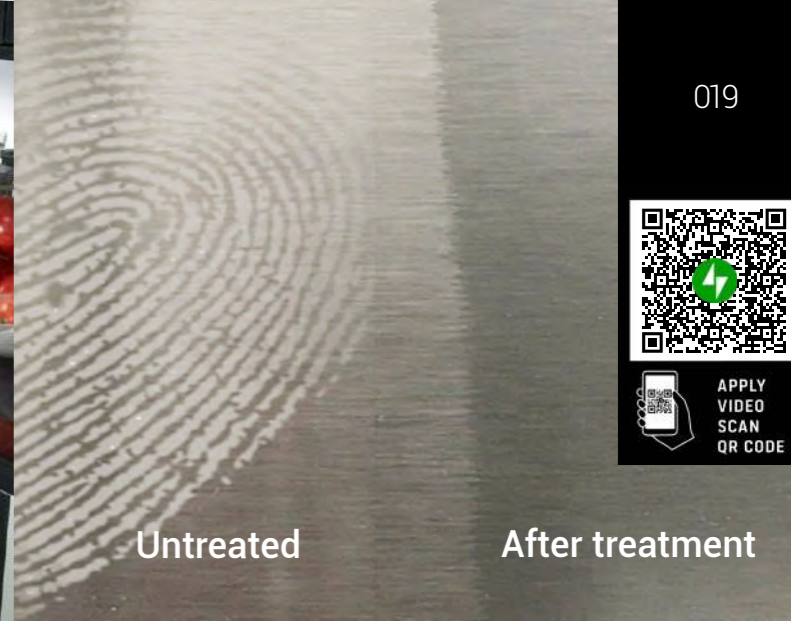


MPCL is a fully biodegradable stain remover formulated with a synergistic blend of environmentally friendly acids to maximize cleaning performance and reduce maintenance costs.

- Ideal for removing mineral deposits, limescale, and soap residues from glass, metal, composites, and other hard surfaces.
- Anti-corrosion and safe on all non-porous aircraft surfaces.
- Helps maintain the pristine condition of cabins, galleys, lavatories, and cockpit areas.
- GHS compliant: no health hazard or acute toxicity label.
- Readily biodegradable according to OECD standards.

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

Safe to use; will not damage surfaces.



Untreated

After treatment

S_IRP

Repellent Protector for plastics / glass / mirrors



Product ID : S_IRP0500 16 oz / S_IRP5000 1.32 gal
S_IRP020L 5 gal
Consumption : ± 0.007 oz/ft²
Used for : Protecting interior surfaces
Application field : Aviation toilets and bathrooms

S_IRP 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. S_IRP can also be used as a maintenance product on surfaces previously treated with S_I06, S_I07, or S_I09.

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:



S_I07

Protector for stainless / aluminum / chrome



Product ID : S_I070KIT 1oz
Consumption : ± 0.007 oz /ft²
Reachable area : ± 150 ft²
Used for : Stainless steel, aluminum, chrome, paint, varnish
Application field : Aviation kitchen galley

S_I07 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*)

Ambient temperature:

41-86°F Avoid direct sunlight and/or high air 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 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 15 × 15 inches, 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 68°F 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: 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 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



Microfiber Roller
(6mm short nap)



Cotton Pads



Paint Brush
(acrylic)

Application Information:

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

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

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

Preparation Steps:

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

Application Procedure:

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

Curing:

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

Refer to the TDS/SDS for more information

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