

# NANO-CERAMIC®



WWW.NANO-CERAMIC.COM INDUSTRIAL PROTECTIVE COATINGS



**Marine**

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## What is NANO-CERAMIC Thin Film Coating?

NANO-CERAMIC Thin Film Coating is a revolutionary, ultra-durable thin film ceramic clear-coating that provides superior scratchresistance and semi-permanent protection for all exterior and interior yacht surfaces.



**Jetpack**  
VideoPress

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

NANO-CERAMIC Thin Film Coating is more than 4 times stronger than factory paint finishes and can absorb damage that would otherwise affect the appearance and integrity of your paint. This extremely durable ceramic coating reduces swirl marks and light scratches while protecting and preserving factory gelcoats or paints.



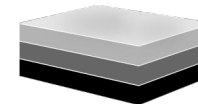
Conventional paints like acrylic urethane are simply not strong enough.

NANO-CERAMIC Thin Film Coating is completely resistant to acidic environmental substances like bird droppings, bug residue, acid rain, and tree sap, unlike your yachts factory paint, which can be permanently etched and damaged by these substances. NANO-CERAMIC provides advanced protective barriers to your yacht body and hull surfaces, maintaining both high-gloss and matte finishes.

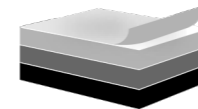
## What are the benefits of applying NANO-CERAMIC Thin Film Coating?

NANO-CERAMIC Thin Film Coating provides yachts 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.

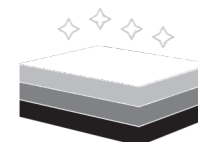
Clearcoat, Glass hull and body materials can be treated with one of our CERAMIC Thin Film Coatings. Restore the color and shine with advanced hydrophobic and UV protection. Even chrome, aluminum, and other metals can have added protection, as our coatings can withstand temperatures of over 1500°F



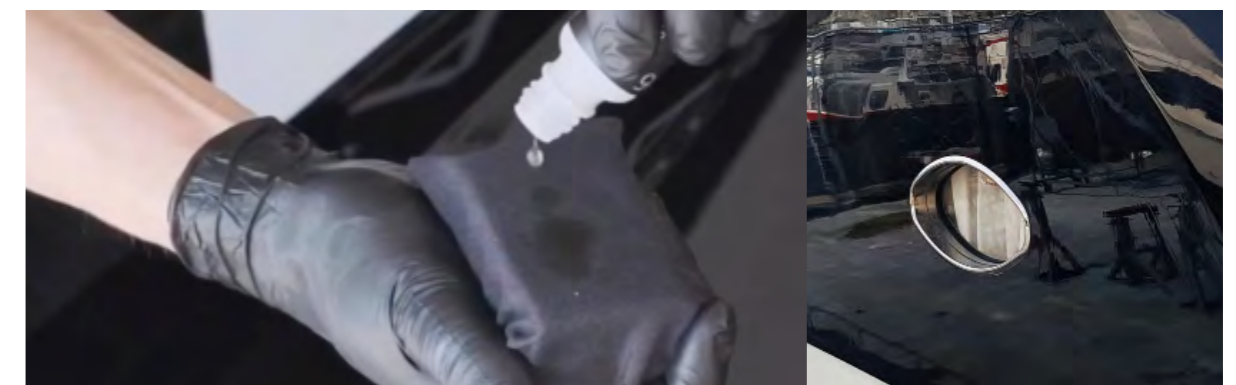
**Step 1** The surface layer of factory gelcoat or paint is damaged and contaminated.



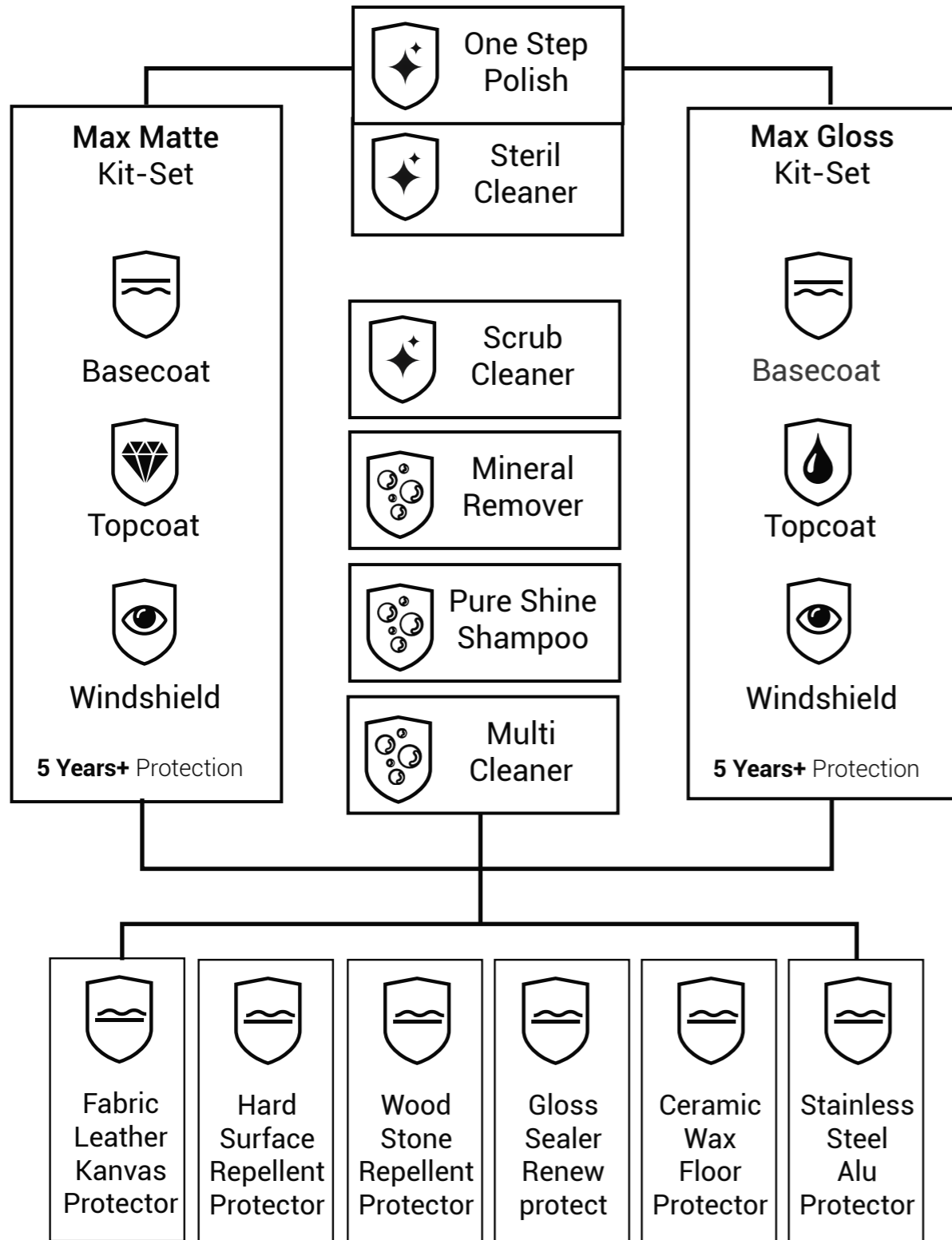
**Step 2** Decontamination and polishing the gelcoat to produce a smooth and even surface.



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



# Thin Film Clean & Protect



## Every surface can always be like new ...





VIDEO  
PRODUCT  
SCAN  
QR CODE



# SI03 MAX GLOSS

## Hull & Windshield Protection for gelcoat / glass / chrome

**Product ID** : SI03150-MAX-GLOSS 3x1.7oz 10 Micron  
**Consumption** : +/- 0.007oz/ft<sup>2</sup>  
**Reachable area** : +/- 250ft<sup>2</sup> Body + 250ft<sup>2</sup> Windshield  
**Used for** : Clearcoat, acrylic, glass, chrome  
**Application field** : Marine

Your yacht will stand out! These Kit-Sets contain all to make your yacht 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.

Expected Life Duration up to 5 Years+ ( 2 Years on Glass )



How to use: Page 20

- 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:



VIDEO  
PRODUCT  
SCAN  
QR CODE



# SI05 MAX MATTE

## Hull & Windshield Protection for gelcoat / glass / chrome

**Product ID** : SI05150-MAX-MATTE 3x1.7oz 5 Micron  
**Consumption** : +/- 0.007oz/ft<sup>2</sup>  
**Reachable area** : +/- 250ft<sup>2</sup> Body + 250ft<sup>2</sup> Windshield  
**Used for** : Clearcoat, acrylic, glass, chrome  
**Application field** : Marine

Your yacht will stand out! These Kit-Sets contain all to make your yacht protected with a High-Tech ceramic layer.

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- Visibility safety**
- Protects your investment**

Applicator:





APPLY  
MOVIE SCAN  
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# STEP

## One Step Polish

high gloss / zero swirl

**Product ID** : STEPG250 8.5oz  
**Consumption** : 0.017oz/ft<sup>2</sup>  
**Used for** : Gelcoat, glass and acrylic  
**Application field** : Marine



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



Only this High Quality Polish Compound together with the recommended pads assure that every yacht 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 yacht a thin film nano layer.

Purple Wool Heavy Cutting Pad cuts like natural sheepskin but finishes like a polish pad. Aggressively removes medium scratches, leaving a lustrous finish with no hazing by reducing compounding swirls.

The Cutting Pad is constructed with a blue foam and white microfiber. The Micro Cutting Pad with orange foam and white microfiber, the Polishing Pad is constructed with a black foam and black microfiber.

The pad serie is available 5.5 inch and 3 inch.

-  **Cut polish costs**
-  **Zero swirl and hologram**

Applicator:



APPLY  
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# CLEAN

## Steril Cleaner

for hard surfaces



**Product ID** : CLEAN0500 16oz / CLEAN5000 1.32gal  
CLEAN020L 5gal  
**Consumption** : +/- 0.01oz/ft<sup>2</sup>  
**Used for** : Clearcoat, gelcoat, glass, chrome, mirrors  
**Application field** : Marine

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

100% Steril

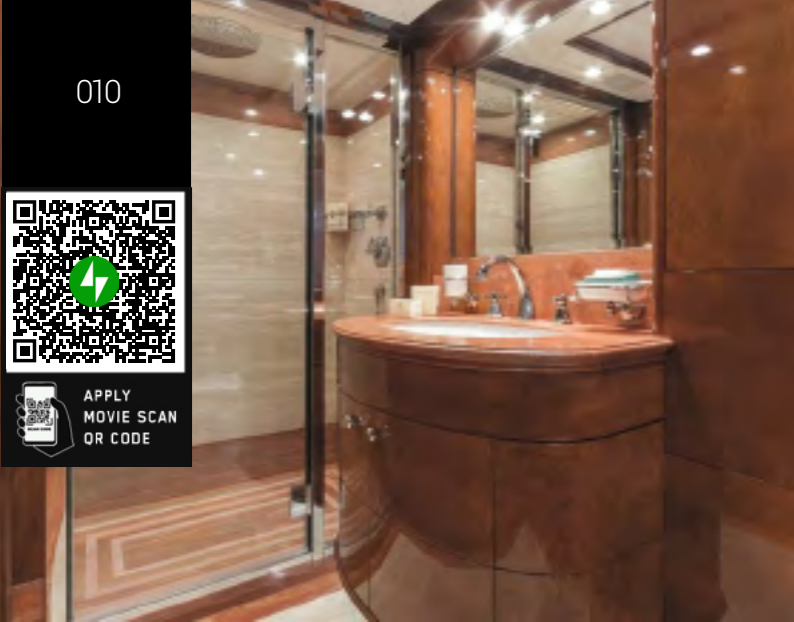
-  **Easy to apply spray & wipe**
-  **Indoor Outdoor**
-  **Remove grease**
-  **100% Steril**
-  **No streaking**

Applicator:





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# SIRP

## Repellent Protector for glass / ceramics / mirrors



**Product ID** : SIRP0500 16oz / SIRP5000 1.32gal  
SIRP020L 5gal

**Consumption** : +/- 0.007oz/ft<sup>2</sup>

**Used for** : Glass, acrylic, chrome, vinyl

**Application field** : Shower places.

How to use: Page 20

SIRP is an ultra long-lasting invisible surface coating which forms semi-permanent molecular bonds with the surface. The main function of treating hard surfaces with SIRP is to seal tiny pores, making it a smoother surface that will repel water and contaminants. This product is indispensable for bathrooms

- Two simple steps: Clean with our Steril Cleaner and Apply
- Makes the surface 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.

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

Applicator:



Will last 12 washes

# SHRE

## Pure Shine Shampoo for all exterior / interior surfaces



**Product ID** : SHRE1000 32oz / SHRE5000 1.32gal  
SHRE020L 5gal

**Consumption** : 0.7oz : 2.5gal Water

**Application field** : Hotels, office buildings, residential housing, airports, medical centers, schools & more.

Reactivating Pure Shine Shampoo is an advanced technology, multi-purpose foaming cleaner containing a rinsing aid that will leave hard surfaces nearly dry after rinsing with clean water.



To assure the "easy-to-clean" effect that our nano layers provide, surfaces should be free of dyes, waxes or polymer sealants.

This multi-purpose cleaner contains no polymers or colors and will not leave a film of chemicals behind on the surface.

100% Safe to use for cleaning all non-porous surfaces and meets food grade classification for kitchens.

Contains no colouring chemicals which can discolor surfaces.

Dilution ratio 1: 500 (super economical)

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

Applicator:





APPLY  
MOVIE SCAN  
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# WSRE

## Mineral Remover for hard surfaces

- Product ID** : WSRE0500 16oz / WSRE5000 1.32gal  
WSRE020L 5gal
- Consumption** : +/- 0.007oz /ft<sup>2</sup>
- Used for** : Hard surfaces
- Application field** : Hotels, office buildings, residential housing,  
airports, medical centers, schools & more.

This fully biodegradable stain remover is made with a superior synergistic blend of environmentally friendly acids to boost cleaning performance and potential cost-savings. WSRE is ideal for removing mineral deposits from glass, steel, porcelain, and many other materials.

- WSRE is anti-corrosion and safe to use on all hard surfaces.
- WSRE prevents the deposition of soap residue and can be used to dissolve limescale formed by hard water.
- GHS label: NO health hazard label or acute toxicity
- Readily biodegradable (OECD)

Safe to use



**Easy to Apply  
Spray and Clean**



**Safe for skin**



**Non-corrosive**



**Dissolves calcium  
and magnesium**



**Reduce spot-  
ting & filming**

**Application:** Wet the surface, and wait 1 minute so that the calcium and magnesium can dissolve. Wipe away any residue and, if necessary, use our Scrub Cleaner to clean it more deeply.



APPLY  
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# SCRUB

## Scrub Cleaner for hard surfaces

- Product ID** : SCRUB0250 8.5oz / SCRUB5000 1.32gal  
SCRUB020L 5gal
- Consumption** : +/- 0.007oz /ft<sup>2</sup>
- Used for** : Hard surfaces
- Application field** : Hotels, office buildings, residential housing,  
airports, medical centers, schools & more.

Scrub Pretreatment Cleaner is a smooth rubbing compound, suitable for scrubbing glass, steel, porcelain and many other materials without scratching the surface.

If you need more scouring power, then please use our specially designed scrub pad.

Leaves no scratches behind after treatment



**Non-scratching**

**Applicator:**





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# MPCL

## Multi Purpose Cleaner

for all interior surfaces



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

**Consumption** : +/- 0.017oz /ft<sup>2</sup>

**Used for** : Cleaning all surfaces

**Application field** : Marine

The All-Purpose Cleaner is a fast, all-surface interior cleaner, low foaming, odor free, and especially suitable for removing stubborn stains from carpets, fabrics, vinyl, plastics and leather safely.

- It is very easy to clean dirt.
- Ready-to-use mixture with the right chemical strength and safe to use
- Of course it is safe for the surface of fabrics, carpets, plastics, leather, rubber and does not fade paint.
- Quickly remove dirt, dust and food scraps

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

**Applicator:**



Safe to use does not harm the surface



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OR CODE



Untreated

After treatment

# SIGS

## Gloss Sealer

for hard surfaces



**Product ID** :SIGS0500 16oz / SIGS5000 1.32gal  
SIGS020L 5gal

**Consumption** : +/- 0.007oz/ft<sup>2</sup>

**Used for** : Marble / granite / wood / plastics / metal

**Application field** : Marine

The Si-Gloss Sealer forms semi-permanent molecular bonds to protect hard surfaces.

- Brings dull and weathered surfaces back to life, leaving a clean satin-gloss finish
- This sealant has a hydrophobic effect, that makes it an ideal product for preventing drying rings on tables
- The bacterial disinfectant present in the hydrophobic nano layer
- Eliminates viruses and bacteria and reduces the chance of contamination, the disinfection process continues as long as the nano layer is present on the surface.

Renew every surface

- Easy to apply spray & wipe**
- Indoor Outdoor**
- Hydrophobic: Water & oil repellent**
- Resists drying rings**
- Anti-water spot**
- Satin-gloss**

**Applicator:**







# SIFP

## Floor Protector

for teak wood



**Product ID** : SIFP1000 1L / SIFP5000 5L / SIFP020L 20L  
**Consumption** : +/- 0.017oz/ft<sup>2</sup> or ready to use 0.17oz/ft<sup>2</sup>  
**Used for** : Marble / granite / tile / wood flooring  
**Application field** : Marine

Floor Nano-Polish consists of the latest advanced material composition, making a flexible, yet harder and more durable floor protection than our competitors.

A simple 1:9 dilution with normal water allows an easy to apply polish time saving process that requires no additional water to be added.

Polish the floor until almost dry, then remove the residue.

Wait 10 minutes and finish buffing to a high gloss with a fine polish pad.

Protects 2 times longer than other solutions.

- Indoor Outdoor**
- Easy to apply**
- Hydrophobic: Water & oil repellent**
- Cut cleaning costs**
- Stays cleaner longer**
- Breathable & flexible**
- Superior hardness**

Applicators:



# SI07

## Protector

for stainless / aluminum / chrome



**Product ID** : SI070KIT 1oz  
**Consumption** : +/- 0.007oz /ft<sup>2</sup>  
**Reachable area** : +/- 150ft<sup>2</sup>  
**Used for** : Stainless steel, aluminum, chrome, paint, varnish  
**Application field** : Marine

How to use: Page 20

SI07 is an ultra long-lasting invisible surface coating which forms semi-permanent molecular bonds with the surface.

- Two simple steps: Clean and Apply
- Fingerprints can easily be removed with a microfiber towel.
- Anti-bacterial properties boost hygiene level
- Surface has an outstanding hydrophobic effect, and stays cleaner longer.
- The coating has a hardness of H9 (anti-scratch)
- Protects against corrosion.

Expected Life Duration up to 5 years+

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

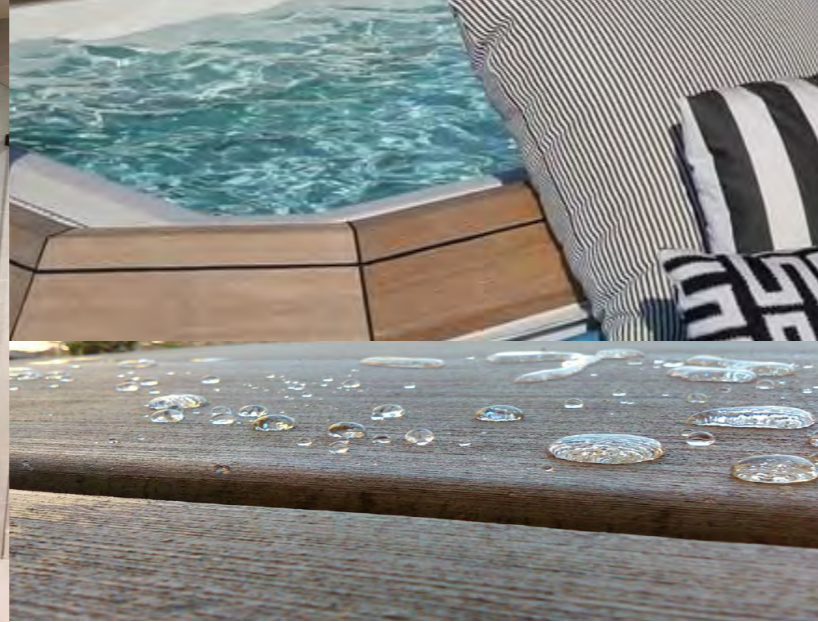
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# SIO8

## Protector

natural wood / natural stone



<b>Product ID</b>	: SIO80500 16oz / SIO85000 1.32gal SIO8020L 5gal
<b>Consumption</b>	: +/- 0.14oz/ft <sup>2</sup>
<b>Used for</b>	: Natural stone, lacquered wood
<b>Application Field</b>	: Marine

How to use: halaman 20

The SIO8 invisible sealant forms a durable bond that is breathable and flexible.

- Water and dirt are effectively repelled.
- Hygiene goes to a higher level.
- This coating has an outstanding hydrophobic effect, making surfaces stay cleaner and drier longer.
- Cleaning intervals on walls are longer, and the need for restoration will be greatly reduced.
- Natural stone and wood are protected against the penetration of pollution.

Expected Life Duration up to 5 years

- Easy to apply  
clean & dry & spray
- Sprayable
- Invisible
- Indoor  
Outdoor
- Breathable  
& flexible
- Super  
hydrophobic
- Spills are easy  
to remove
- Stays cleaner  
longer

# SIFX

## Protector

fabric / leather / canvas



<b>Product ID</b>	: SIFX0500 16oz / SIFX5000 1.32gal SIFX020L 5gal
<b>Consumption</b>	: +/- 0.07oz/ft <sup>2</sup> (leather) 0.014oz/ft <sup>2</sup> (textile)
<b>Used for</b>	: Fabric, leather, carpets and canvas
<b>Application field</b>	: Marine

How to use: halaman 20

The SIFX invisible sealants form a durable bond that is breathable and flexible with textile fibers and leather surfaces.

- Water and dirt are effectively repelled, and spills are easier to remove.
- Hygiene goes to a higher level.
- This coating has an outstanding hydrophobic effect, making fabrics, leather, and carpets stay cleaner and drier longer.
- Cleaning intervals on carpets are longer, and the need for restoration will be greatly reduced.

Expected Life Duration up to 1-3 years (depending traffic)

- Easy to apply  
clean & dry & spray
- Sprayable
- Transparent  
original colours remain
- Indoor &  
outdoor use
- Breathable &  
flexible
- Hydrophobic  
reppel water & oil
- Easy to clean
- Cleaner for longer

## HOW TO USE:

### NANO-CERAMIC SIRP, SIO7, SIO8, SIFX, SIO3-SIO5 MAX

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:

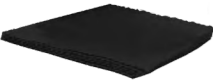
Before you use a NANO-CERAMIC product, please make sure you wear suitable protection gear. We always recommend to use latex or nitrile gloves to make sure your hands are protected from any possible damage to your skin. Use a mask for extra safety.



Mask



Nitrile gloves



Applicators

#### CLEANING

Clean the surface thoroughly with our Steril Cleaner until it is absolutely clean. If necessary, use our Scrub Cleaner or Reactivating Pure Shine Shampoo in advance. Make sure that all contamination is removed so that the glass coating can bind properly onto a clean surface. Make sure that the surface is completely dry before application!

#### APPLICATION OF SIRP

Spray a layer of nano SIRP on the surface and rub it in with a dry microtowel, keep rubbing it into the surface with strong pressure and wipe until all the product is even and scrubbed and only a little hazing / residue is visible Gently wipe off this hazing / residue with a clean microfiber cloth after about a minute There is only a little pressure needed to remove the hazing completely. Curing time 1 hour.

#### APPLICATION OF SIO7

Shake the bottle very well before use! Take a soft cotton pad and pour a few drops of the coating on it (start with small amounts, only a little product is needed). Moisten all the glass, steel, or wood surfaces evenly. Wait 2 minutes. When applied correctly, you can now see a light grey haze on the surface. Gently polish away the haze after all solvents are vaporized by using a clean (microfiber) cloth. Curing time 1 hour.

**The MAIN FUNCTION OF SIRP AND SIO7** is to seal the pores of hard surfaces and to prevent against stubborn water spots and fingerprints

#### APPLICATION OF SIO8 AND SIFX

Clean the surface thoroughly until it is absolutely clean. Make sure that all contamination is removed so that the sealant can bind properly onto a clean surface. Make sure that the surface is completely dry before application! Shake the bottle very well before use! Put it into a sprayer and spray until the surface is saturated, and let the surface dry for 24 hours. Shake the bottles very well before use! Put it into a sprayer and spray until the surface is saturated, and let the surface dry for 24 hours.

#### CURING TIME

Immediately after polishing, the coating is dry and resistant to touching. At normal ambient temperature, the coatings are completely cured after approximately 12 hours.

#### APPLICATION OF SIO3-SIO5-MAX

Our coatings have best results on new on almost like new surfaces, we recommend to polish the surface if needed. Wear nitril gloves to clean the surface with our Steril Pretreatment Cleaner. (without wearing gloves, the oil from your hands may appear via the towel onto the surface) !!

Use more than one clean cloth to remove the dirt from the surface. (Please make sure you don't brush the dirt around on the surface by using dirty clothes.) Making the clear paint-gelcoat-chrome-glass-surface clean is the most important issue. If the surface is not super steril than you will experience chemical reactions between our coatings and the still available contamination what is then visible into the ceramic layer when it is cured. In that case you will need to polish the surface again. So please don't hurry in carrying out this preparation work, but instead focus on this for 100%.

Learn the right application technique > Watch and Study the Apply Video on the packaging (fragment **BASE COATING SIBC**)

Use nitril gloves! Remove the plastic inner closure from the bottle and put in the dripper. Shake bottle before use! We recommend to apply the surface in easy to handle segments of about 15"x 15"inch, following the panels shape and corner lines and use these lines for overlaps. Put 8-10 drops BASE COAT on the suede mini towel using the applicator block underneath, divide the coating properly by going 3 times over the same surface, wait till it lights up (+/- 25sec) and remove the residue carefully, and buff it lightly use a separate micro towel for this. Wait 2 hours before you continue with the application of one of our hydrophobic Top Coatings. After 2 hours BASE COAT is 80% cured and ready to receive one of our TOP COATINGS. After about 7 days the BASE COATING has been fully cured and is almost unremovable.

(fragment TOP COATING **SIO3-SIO5-MAX**)

Use nitril gloves! Remove the plastic inner closure from the bottle and put in the dripper. Shake the bottle before use! We recommend to apply the surface in easy to handle segments following the panel shape and corner lines and use these lines for overlaps. Put 6-8 drops 15"x 15"inch, (if start use more drops as the towel is otherwise too dry ) TOP COATING on the suede mini towel using the applicator block underneath. Start dividing it from out of the middle of the surface and keep spreading it around by light pressure in criss-cross motions. until the product is evenly distributed. MOST IMPORTANT keep on doing this till no product residue is visible anymore. If you use too much coating and/or spreading it out from example one start position in a corner of a panel then you will not be able to divide it properly towards the other side and it will roll-up on each other and form a not equal layer. To use too much coating and not divide it equally is the second most critical point !! When you apply TOP COATING in this correct way, then there is no need to use a micro towel for polishing anymore.

(fragment **SAFETY VISION SIO2**)

Apply the nano layer SAFETY VISION COATING with the cotton apply pad. Spread 10-15 drops 20"x 25"inch of SAFETY VISION COATING on the cotton pad and apply rubb it in motions on the windshield with firm pressure until all of the product is evenly distributed and only very little residue is visible. Remove the coating residue with a soft clean microfiber cloth after about a minute and buff the glass/panels gently to take the veils away. There is not much pressure necessary to remove it completely. Note: dry the dripper and close the bottles tightly if you want to save the content for future use. At normal ambient temperature the Nano layers are sufficiently cured after approximately 6 hours (or 2 hours Infrared) (avoid water contact).



APPLY VIDEO  
BASE COAT  
SCAN  
QR CODE



APPLY VIDEO  
TOP COAT  
SCAN  
QR CODE



APPLY VIDEO  
SAFETY VISION  
SCAN  
QR CODE

## 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.

NANO-CERAMIC permanent coating is 600°F resistant and more than 6 times stronger than traditional acrylic based paint finishes, and is effectively preventing damage that would otherwise affect the appearance and integrity of the original surface.

### Low Maintenance for 3 decades to come!

Our NANO-CERAMIC permanent coating is rigorously tested by an independent testing laboratory according to the European standard for outdoor paints (EN 1504-2) please find the test report on 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, 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.

## Can our hydrophobic coatings increase acceleration time and speed while simultaneously reducing fuel consumption?

Yes, the superhydrophobic surface has a good drag reduction effect, and the maximum drag reduction rate is up to 23.4%.

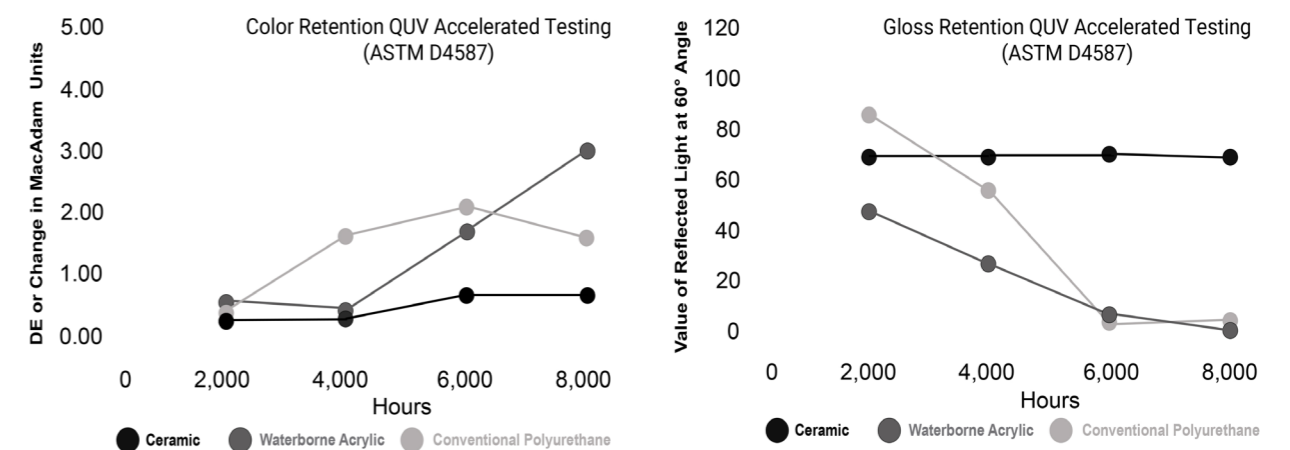
In a new analysis from IPTEK ITS 2023 concerning Drag Reduction, the following conclusions have been obtained. It was found that there was an increase in acceleration due to drag reduction on the ship model treated with a superhydrophobic coating, showing a 31% improvement compared to the non-coated surface and a 27% improvement compared to a conventionally anti-fouling coated surface.

As published in the International Journal of Marine Engineering Innovation and Research. Click [here](#) for the IPTEK analyses.

## Other paints are simply not suitable for longterm harsh outdoor environments.

In order to avoid poorly maintained properties (concrete rot, chipped and weathered paint, etc) for the next decades, our Permanent Coating System is simply the best solution to keep the value of your investment in place.

## Superior in Color & Gloss Retention



## A special selection of high grade tinting chemicals computerized dispersed in a superior ceramic resin.

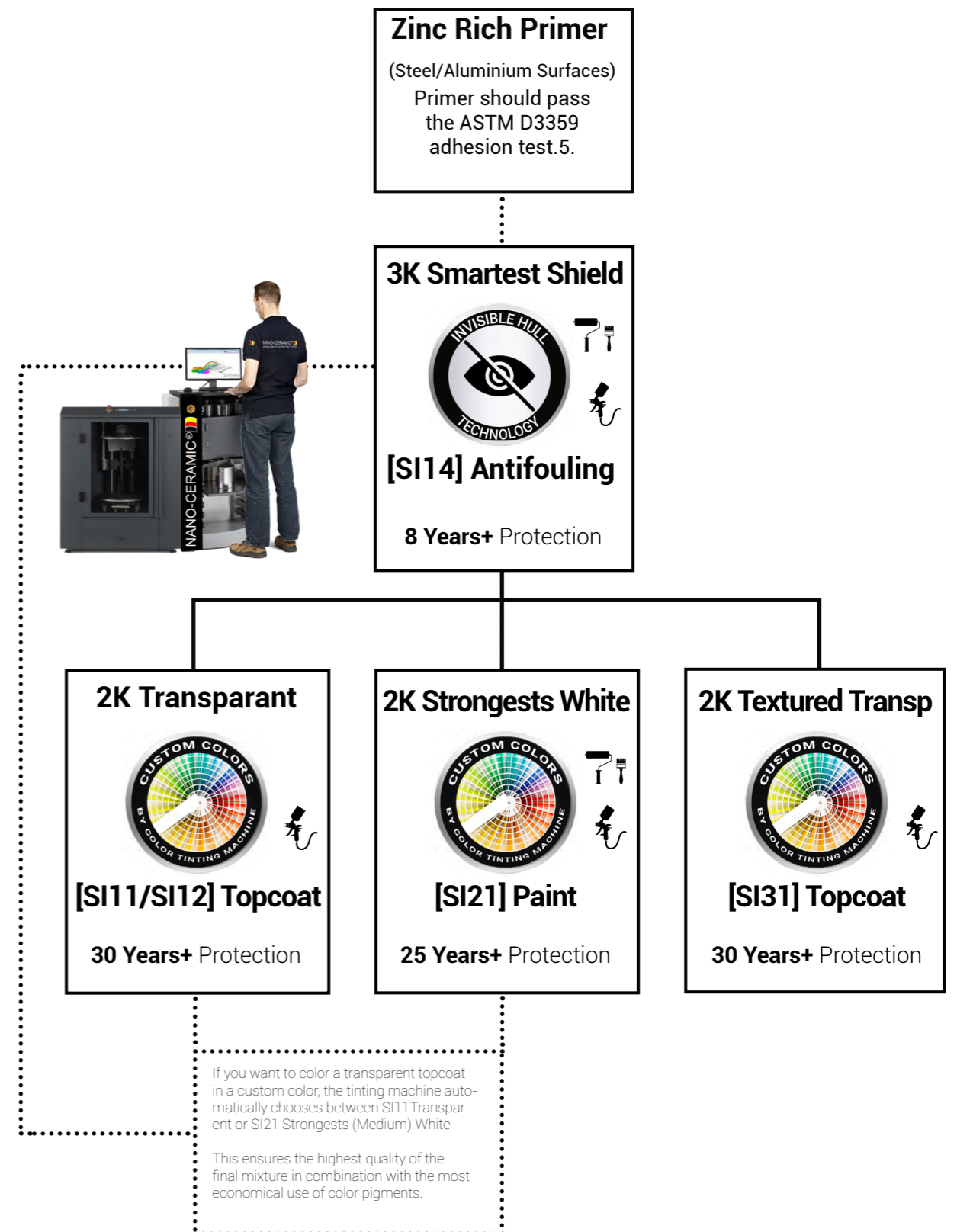
Conventional gelcoats are a mixture with Epoxy or Polyurethane resins, of which the quality of resin and pigments are the most important factor in the ultimate strength. Most have a lifespan of 15 years, with hardness, color and gloss retention (sun fading) and manual mixing towards consistent quality being the most common problems in keeping the desired object at an aesthetically pleasing level.

### 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	CERAMIC® all surfaces
Primer	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	No
Adhesion Strength	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Cross Cut Test	<b>Poor</b>	<b>Poor</b>	Good	<b>Poor</b>	Excellent
Abrasion Resistance	<b>Poor</b>	<b>Poor</b>	<b>Average</b>	<b>Poor</b>	Excellent
UV Radiation Resistance	<b>Average</b>	<b>Average</b>	<b>Poor</b>	Good	Excellent
Artificial Atmospheric Agents	<b>Poor</b>	<b>Poor</b>	Good	Good	Excellent
Colour Retention	<b>Average</b>	<b>Average</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Gloss Retention	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Chemical Resistance	Good	Good	Good	<b>Poor</b>	Excellent
Severe Chemical Attack	<b>Poor</b>	<b>Poor</b>	<b>Average</b>	<b>Poor</b>	Excellent
Temperature Resistance	<b>140°F</b>	<b>196°F</b>	350°F	505°F	600°F
Thermal Shock Resistance	Good	Good	<b>Poor</b>	Good	Excellent
Carbon Dioxide Permeability	<b>Poor</b>	<b>Poor</b>	Good	<b>Poor</b>	Excellent
Permeability water vapour	<b>Average</b>	<b>Average</b>	Good	<b>Average</b>	Excellent
Water Absorption Rate	<b>5-15%</b>	<b>1%</b>	<b>2%</b>	<b>3%</b>	0%
Aging at 158°F	<b>Poor</b>	<b>Poor</b>	Good	<b>Average</b>	Excellent
Adhesion Strenght Pull-off	<b>Poor</b>	<b>Average</b>	Good	<b>Poor</b>	Excellent
Impact Resistance	<b>Poor</b>	<b>Average</b>	Good	<b>Poor</b>	Excellent
Anti-Graffiti	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Anti-Termite (Wood)	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Hydrophobic Self Cleaning	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Easy to Clean	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Total Solar Reflectance (TSR)	<b>60</b> (white)	<b>60</b> (white)	60 (white)	<b>60</b> (white)	88 (white)
Expected Lifetime in Years	<b>&lt;7</b>	<b>&lt;7</b>	<5-15	<5-15	15-30+

## Ceramic Coating & Paint System





# SI11

2-Component (2K)

## Topcoat Transparent for glossy surfaces

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

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+



How to use: Page 31



# SI12

2-Component (2K)

## Topcoat Transparent for matted surfaces

<b>Product ID</b>	: SI112000 67oz / 4.4 lbs
<b>Consumption</b>	: 3 layers 0.06lbs/ft <sup>2</sup> - 0.96oz/ ft <sup>2</sup> = 3 mil/ 70ft <sup>2</sup>
<b>Reachable area</b>	: 2 layers 0.04lbs/ft <sup>2</sup> - 0.64oz/ ft <sup>2</sup> = 2 mil/140ft <sup>2</sup> : 1 layer 0.02lbs/ft <sup>2</sup> - 0.32oz/ ft <sup>2</sup> = 1 mil/210ft <sup>2</sup>
<b>Hardness</b>	: H9
<b>Used for</b>	: Fiberglass, steel, aluminium, plastics, wood
<b>Application field</b>	: Marine, exteriors, interiors

SI12 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+



How to use: Page 31





# SI21 2-Component (2K)

## Paint The Strongest White for glossy surfaces

- Product ID** : SI212000 67oz / 5.3 lbs
- Consumption** : 3 layers 0.044lbs/ft<sup>2</sup> - 0.56oz/ ft<sup>2</sup> = 3 mil/120ft<sup>2</sup>
- Reachable area** : 2 layers 0.030lbs/ft<sup>2</sup> - 0.37oz/ ft<sup>2</sup> = 2 mil/160ft<sup>2</sup>  
: 1 layer 0.014lbs/ft<sup>2</sup> - 0.19oz/ ft<sup>2</sup> = 1 mil/240ft<sup>2</sup>
- Hardness** : H8
- Used on** : Gelcoat, fiberglass, steel, aluminium, plastics, wood
- Application field** : Marine Exteriors

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 year+



How to use: Page 31

- Easy to apply**  
**Repaintable**
- Cut maintenance costs**
- Anti-water spot**  
**Anti-corrosion**
- Permanent hydrophobic**
- Self-cleaning**  
**stays cleaner longer**
- Anti-scratch**
- Impact Resistance**  
**2lbs/2.6ft**
- Protects your investment**



# SI14 3-Component (3K)

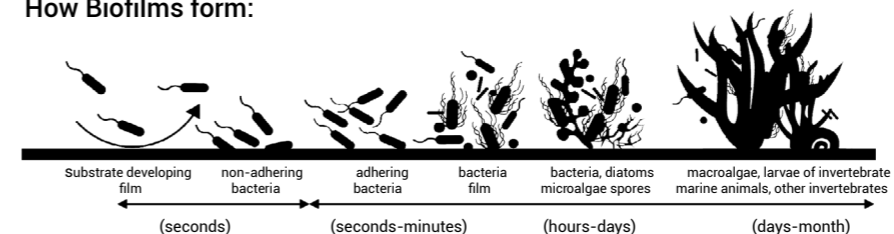
## The Smartest White black/red/blue/grey/transparent

- Product ID** : SI144000-BK SI144000-RD 1gal/ 9.5 lbs  
SI144000-BL SI144000-GR SI14400-TR
- Consumption** : 2 layers 0.08lbs/ft<sup>2</sup>-1.30oz/ft<sup>2</sup> = 8 mil/140ft<sup>2</sup>
- Reachable area** : 1 layers 0.04lbs/ft<sup>2</sup>-0.65oz/ft<sup>2</sup> = 4 mil/280ft<sup>2</sup>
- Hardness** : H7
- Used for** : Gelcoat, fiberglass, steel, aluminium, plastics, wood
- Application field** : Marine Antifouling

SI14 is a revolutionary High-Tech Ceramic Antifouling Paint with a self-polishing amphiphilic biofilm that masks the boat hull surface to the marine organisms.

This world's leading antifouling stores more and releases less non-biocidal agents, resulting in by far the longest maintenance interval of 8 year+ currently available.

### How Biofilms form:



How to use: Page 31

- Easy to apply**  
**Repaintable**
- Amphiphilic Invisible Hull Technology**
- Cut maintenance costs**
- Organic Cupper and Tin Non Biocidal**
- Super Sleek Surface Algae release <6 knots**
- Self-cleaning**  
**stays cleaner longer**
- Save fuel**
- Impact Resistance**  
**2lbs/2.6ft**
- Thermal Shock-Resistant**



# SI31 2-Component (2K)

**Textured Transparent Semi Gloss**  
antislip - high impact resistant

- Article Nr.** : SI312000 67oz / 4.6 lbs
- Consumption** : 3 layers 0.050lbs/ft<sup>2</sup> - 0.76oz/ ft<sup>2</sup> = 3 mil/ 90ft<sup>2</sup>
- Reachable area** : 2 layers 0.033lbs/ft<sup>2</sup> - 0.51oz/ ft<sup>2</sup> = 2 mil/180ft<sup>2</sup>  
: 1 layer 0.017lbs/ft<sup>2</sup> - 0.25oz/ ft<sup>2</sup> = 1 mil/270ft<sup>2</sup>
- Hardness** : H9
- Used on** : Gelcoat, fiberglass, steel, aluminium,  
: plastics, wood, virtually any surface.
- Application area** : Buildings, marine, offshore structures, bridges, etc

SI31 is a clear solvent-based ceramic coating, linked with a ceramic activator, available in semi-gloss and includes sprayable nano particles. Known for its exceptional durability, this coating easily applies to any organic surface without needing a primer. Its textured design makes it perfect for anti-slip needs.

- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Resistant to all kinds of chemicals and UV radiation.
- This coating can withstand temperatures of 600°F.
- Zero absorption, waterproof, insulation and heat rejecting

Expected Life Duration up to 30 years+



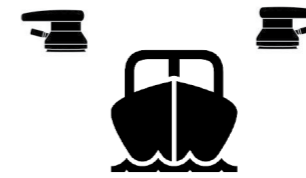
How to use: Page 31

- Easy to apply**  
**Repaintable**
- Cut maintenance**
- Anti-water spot**  
**Anti-corrosion**
- Permanent hydrophobic**
- Self-cleaning**  
**stays cleaner longer**
- Anti-scratch**
- Visibility safety**
- Protects your investment**
- Impact Resistance**  
**2lbs/2.6ft**

## Maintenance Plan Thin Film Coating



**Step 1**  
Washing



**Step 2**  
Polishing



**Step 3**  
Steril Cleaner



**Step 4**  
Basecoat  
Curing time: 2 hours  
after application

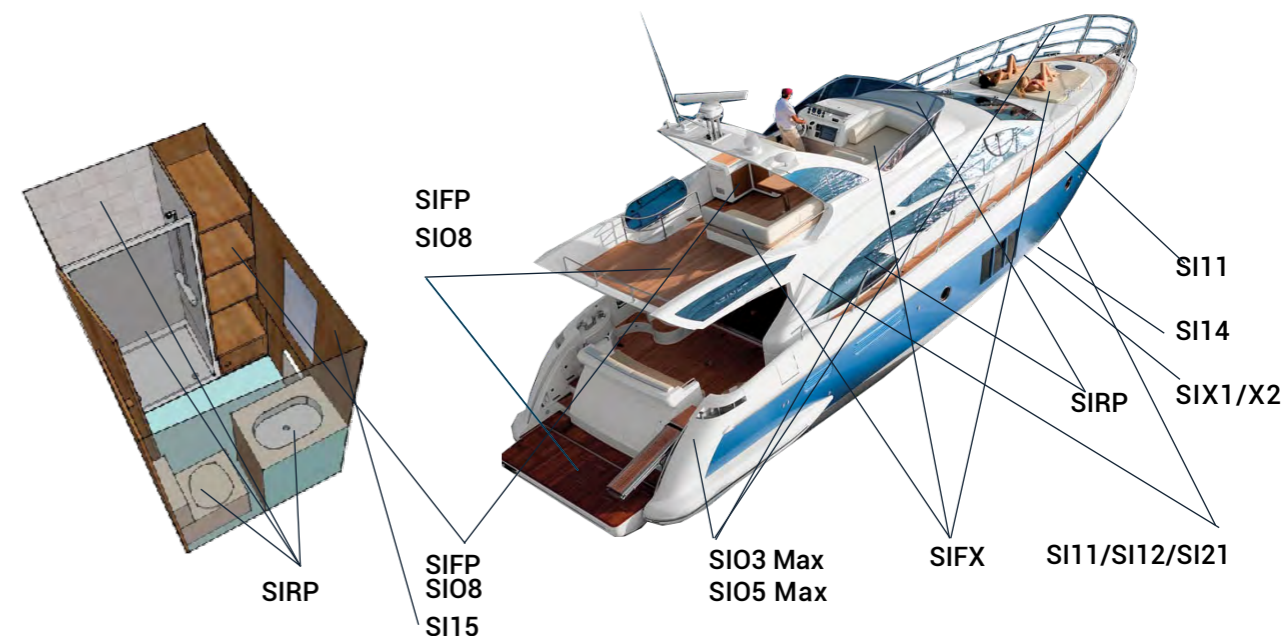


**Step 5**  
Nano Layer  
Hydrophobic  
Topcoat



**Step 6**  
Curing time:  
6 hours in  
ambient  
temperature

## Where to use our coatings:

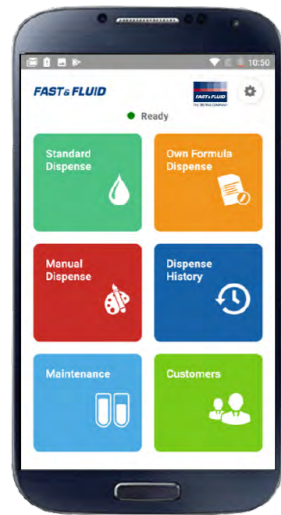




# Color mixing has never been so easy!!!

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

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



Prisma-RT is a cloud-based innovative mobile color application compatible with the X-SMART dispenser. It brings the best of wireless technology without the associated investment costs in hardware.

Customers do not have to provide computers and other accessories or set up servers, eliminating the need for complicated and time-consuming installation and configuration.

This smart Prisma-RT device helps to fix prices and taxes and can print labels via Wi-Fi.



X-SMART Stabilizer plates



# 16 High Grade Coloring chemicals



**Titanium White**  
Masstone   
Tint   
844-0061 1.05gal



**Quinacridone Red**  
Masstone   
Tint   
844-0451 32oz



**Scarlet Red**  
Masstone   
Tint   
844-0526 32oz



**Lead Free Orange**  
Masstone   
Tint   
844-0982 32oz



**Trans Red Oxide**  
Masstone   
Tint   
844-1054 32oz



**Red Oxide**  
Masstone   
Tint   
844-1063 32oz



**Burnt Umber**  
Masstone   
Tint   
844-1352 32oz



**Trans Yellow Oxide**  
Masstone   
Tint   
844-1852 32oz



**Yellow Oxide**  
Masstone   
Tint   
844-1863 32oz



**Lead Free Med Yellow**  
Masstone   
Tint   
844-2555 32oz



**Yellow**  
Masstone   
Tint   
844-2826 32oz



**Organic Yellow**  
Masstone   
Tint   
844-2852 32oz



**PHTHALO Green**  
Masstone   
Tint   
844-5558 32oz



**Quinacridone Violet**  
Masstone   
Tint   
844-9451 32oz



**Lamp Black**  
Masstone   
Tint   
844-9955 32oz



**PHTHALO BLUE**  
Masstone   
Tint   
844-7262 32oz

# 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 6007
Cream white	Pearl light grey	Pastel blue
RAL 9002	RAL 9023	RAL 4009
Grey white	Pearl dark grey	Pastell violet
RAL 9003	RAL 1000	RAL 6027
Signal white	Green beige	Light green
RAL 9004	RAL 1001	RAL 7000
Signal black	Beige	Squirrel grey
RAL 9005	RAL 1002	RAL 1036
Jet black	Sand yellow	Pearl gold
RAL 9006	RAL 1011	RAL 8029
White aluminium	Brownbeige	Pearl copper
RAL 9007	RAL 1013	RAL 4012
Grey aluminium	Pearl white	Pearl blackberry
RAL 9010	RAL 1014	RAL 6025
Pure white	Ivory	Pearl gentian blue
RAL 9011	RAL 1015	RAL 6036
Graphite black	Light ivory	Pearl opal green
RAL 9016	RAL 9017	RAL 8016
Traffic white	Traffic black	Mahogany braun

**Wood**

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

SI11 Transparent

SI11 Light

SI11 Nut

SI11 Colonial

**Industrial**

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

Transparent

RAL 1026

Lumious yellow

RAL 3020

Traffic red

RAL 9005

Jet black

RAL 1004

Golden yellow [Cat]

RAL 6002

Leaf green [J.D Deere]

RAL 7035

Light grey

RAL 7011

Dark grey

RAL 7003

Silver grey

RAL 8002

Signal brown

RAL 8025

Pale brown

# Other colors need minimal 100kg

**Marine**

SI12 Transparent Matte 11/21 (20/60°)    SI31 Textured Transparent Semi Gloss 41/69 (20/60°)  
 SI41 Textured White Semi Gloss 41/69 (20/60°)    SI33 Textured Black Semi Gloss 41/69 (20/60°)  
 SI42 Textured White Matte 11/21 (20/60°)

Original

Cool white

RAL 9010

Pure white

RAL 9001

Cream white

RAL 9023

Distant blue

RAL 1023

Traffic yellow

RAL 7001

Silver gray

RAL 1015

Light ivory

RAL 9016

Pure white

RAL 9001

Cream

RAL 1001

Beige

RAL 1020

Olive yellow

RAL 3000

Fire red

RAL 3004

Burgundy

RAL 7036

Platinum

RAL 9005

Jet Black

RAL 9019

Turquoise bleu

RAL 6027

Light green

RAL 9000

Violet blue

RAL 9012

Light blue

RAL 9002

Ultramarine blue

RAL 9013

Sapphire blue

RAL 5005

Signal blue

Transparent matte

RAL 7031

Blue grey

RAL 9005

Jet black

RAL 6005

NATO green

RAL 7024

Graphite grey

RAL 1015

Desert sand

RAL 9000

Violet blue

Dark grey camo

RAL 9002

Dark brown camo

RAL 6022

Olive drap

Light stone

RAL 6031

Bronze green

RAL 6451

Brunswick green

RAL 7016

Dark sea grey

RAL 5008

[RAF] Blue grey

Very dark drap

**Antifouling**

SI14 Color 3141 (20/60°)

Transparent

RAL 9005

Jet Black

RAL 3001

Signal Red

RAL 9002

Ultra marine blue

RAL 7004

Signal Grey

# SIX1

2-Component (2K)

## Primer Epoxy Polyamide

heavy duty - anti-corrosion

<b>Article Nr.</b>	: SIX11250 42oz / 3.2 lbs    SIX15000 1.32gal / 12.8 lbs
<b>Consumption</b>	: 2 layers +/- 0.53 lbs/ft <sup>2</sup> - 0.7oz/ft <sup>2</sup> 80 micron = 50ft <sup>2</sup>
<b>Reachable area</b>	: 1 layer +/- 0.26 lbs/ft <sup>2</sup> - 0.4oz/ft <sup>2</sup> 40 micron = 100ft <sup>2</sup>
<b>Hardness</b>	: H5
<b>Colors</b>	: White, Grey or RAL (RAL Minimum Order 250pcs 1.32gal)
<b>Used on</b>	: Concrete, Steel, Aluminium, Fiberglass and other organic surfaces
<b>Application area</b>	: 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 85°F, 1 hours 140°F.



**Fast Repaintable**



**Excellent adhesion**



## Heavy Duty Primer - Smooth Surfacer

# SIX2

2-Component (2K)

## Primer Surfacer Acrylic Alkyd

smooth - surface modifier

<b>Article Nr.</b>	: SIX21250 42oz / 3.2 lbs    SIX25000 1.32gal / 12.8 lbs
<b>Consumption</b>	: 2 layers +/- 0.44 lbs/ft <sup>2</sup> - 0.7oz/ft <sup>2</sup> 60 micron = 60ft <sup>2</sup>
<b>Reachable area</b>	: 1 layer +/- 0.22 lbs/ft <sup>2</sup> - 0.4oz/ft <sup>2</sup> 30 micron = 120ft <sup>2</sup>
<b>Hardness</b>	: H3
<b>Colors</b>	: White or Grey
<b>Used on</b>	: Steel, aluminium, wood, fiberglass, and old paint systems.
<b>Application area</b>	: Buildings, marine, airports, bridges

SIX2 High-quality 2K surfacer (two-component basecoat) for auto-refinish, marine, and industrial coating applications where a smooth surface is required. The primer has excellent adhesion to all organic substrates and to all of our ceramic topcoats. The primer can be applied at a relative humidity of 30-80% and can be painted over within 4 hours 85°F, 1 hours 140°F.



**Fast Repaintable**



**Excellent adhesion**



**VOC Free**



# SIX3

2-Component (2K)

## Primer PU Wood Filler

surface modifier - absorption reducer

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

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



**Fast Repaintable**



**Excellent adhesion**



## Wood or Natural Stone - Filler

# SIX4

1-Component (1K)

## Primer Acrylic Waterbased

all surfaces modifier - stain killer

<b>Article Nr.</b>	: SIX41000 32oz / 2.65 lbs SIX44000 1gal / 10.6 lbs
<b>Consumption</b>	: 2 layers +/- 0.53 lbs/ft <sup>2</sup> - 0.7oz/ft <sup>2</sup> 80 micron = 50ft <sup>2</sup>
<b>Reachable area</b>	: 1 layer +/- 0.26 lbs/ft <sup>2</sup> - 0.4oz/ft <sup>2</sup> 40 micron = 100ft <sup>2</sup>
<b>Hardness</b>	: H3
<b>Colors</b>	: White, Grey or RAL (RAL Minimum Order 250pcs 1gal)
<b>Used on</b>	: Concrete, wood, drywalls and old waterbased paints
<b>Application area</b>	: 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**

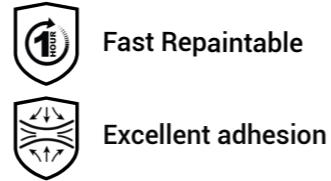


# SIX5 2-Component (2K)

## Putty Polyester ultra smooth - sandable



- Article Nr:** : SIX51000 2.2 lbs
- Color** : Grey
- Used on** : Metal, wood, fiberglass, concrete, plastics
- Application area** : Buildings, marine, airports, offshore structures, bridges



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



## Substrate Kit, Test, Touch and Feel

**Substrate Kit**  
16 different coating and paints



**DEMOSKIT**  
All our products are produced according to EU/ECHA USA/OSHA/EPA CANADA/WHIMS regulations

## Scan QR Code for TDS and SDS

## Video Application & (Test) Results



# SOLV

Thinner solvent

for all types of our ceramic paint & coating



Article Nr. : SOLV0400 14oz / 0.8 lbs SOLV2000 64oz / 3.9 lbs SOLV5000 1.32gal / 9.7 lbs

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

# RETA/ACCL

Retarder

Accelerator



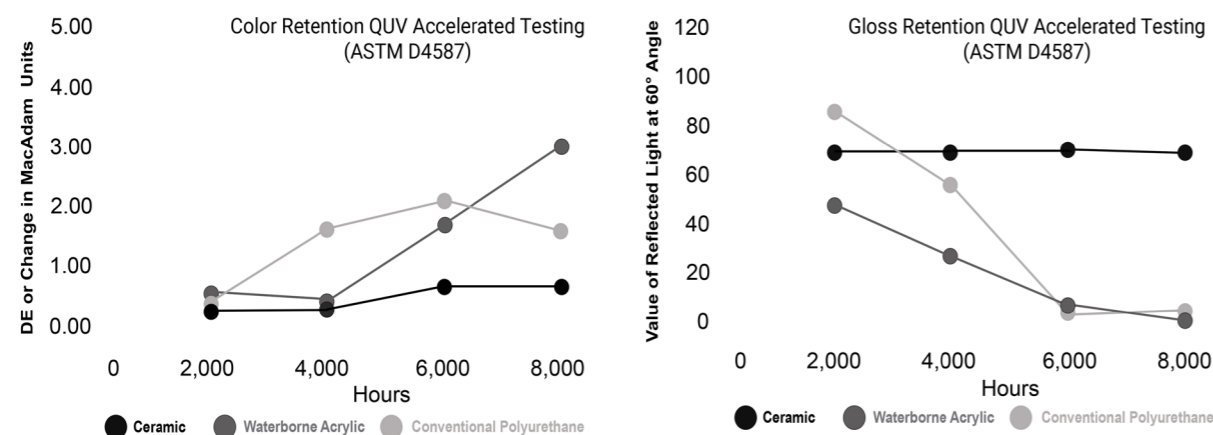
slow down flash time or speed up curing

Article Nr. : RETA0400 14oz / 0.85 lbs ACCL0200 7oz / 0.4 lbs

If your application need longer flash time (longer time to build up the layer with a second or third coat you can add the RETA Retarder.

In case you want to speed up the curing process you can add the high efficient ACCL Accelerator.

## Ceramic Paint Color and Gloss Retention QUV Accelerated Testing (ASTM D4587)



## How to use our Permanent Coating System:

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

### Processing Temperature:

Ambient temperature: 41-86°F  
Avoid direct sunlight, Rain and /or high humidity.

### IMPORTANT:

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

### Application information

The SI11/SI12/SI21/SI14/SI31 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 for ferrous metals that are exposed to coastal and marine environments or in case of problems with the substrate.

**Warning the surface must be completely dry before application and must stay dry for 6 hours after application after application!**

### The 2-Component Permanent Coating System

Mix the can SI11B-SI12B-SI21B-SI31B with the can of SI11A-SI12A-SI21A-SI31A by pouring can B into can A, or measure **exactly by NET WEIGHT** in a ratio of 9:1 **by using a scale** and **mix very well**.

Mix SI14A2800 with SI14C0800 with by pouring can C into can A, or measure **exactly by NET WEIGHT** in a ratio of 7:2 **by using a scale** and **mix very well**, then add the entire content of SI14B0400 or measure **exactly by NET WEIGHT** in a ratio of 7:1 (compared to SI14A2800) **by using a scale** and **mix very well**. Carefully pour the mixed contents into a professional paint sprayer, and spray in thin layers until the surface reaches your desired thickness. Depending on the surface, material and structure, different application techniques can be used (such as paint rollers or brushes). 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 7 days. Be aware that the mixed contents cannot be stored longer than 3 hours. If have orange peel you may wet /sand the surface wit P1500 and after P2000 and polish with One Step Polish till high shine. The surface can simply be maintained with a high pressure washer at 80 bar using our biologically degradable Reactivating Shampoo.

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### Tool cleaning and Thinner solvent

The individual components, as well as the mixing system of the paint sprayer, can be diluted and cleaned using our solvent. All of our paints and coatings are ready to use, for certain spray applications, especially dark colors which require more

### Outfit/Applicators:



Fresh Air Respirator



Paint Suit



Nitrile gloves



Professional Paint Sprayer  
1.3-1.7mm / 0.05-0.06" nozzle



Paint Roller  
(Microfiber)



Respirator



Paint Brush  
(acrylic)

# NANO-CERAMIC®

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**New! Antifouling with  
Invisible hull technology**



## ***The Leader in Durability***

*Did you know that our  
Permanent Coating System  
repels water and dirt and  
lasts 30 Years+ ?*

**Dealer**