

# NANO-CERAMIC®

[WWW.NANO-CERAMIC.COM](http://WWW.NANO-CERAMIC.COM) INDUSTRIAL PROTECTIVE COATINGS



**Watercraft** Permanent Coatings

## 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%.

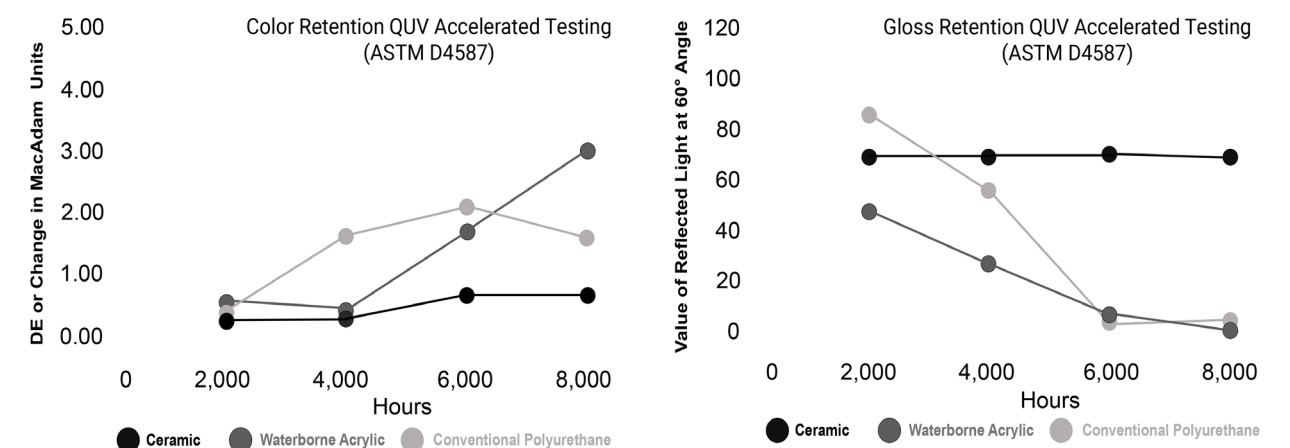
In a new analysis from IPTEK ITS 2023 concerning Drag Reduction, the following conclusions have been obtained. It was found that there was an increase in acceleration due to drag reduction on the ship model treated with a superhydrophobic coating, showing a 31% improvement compared to the non-coated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

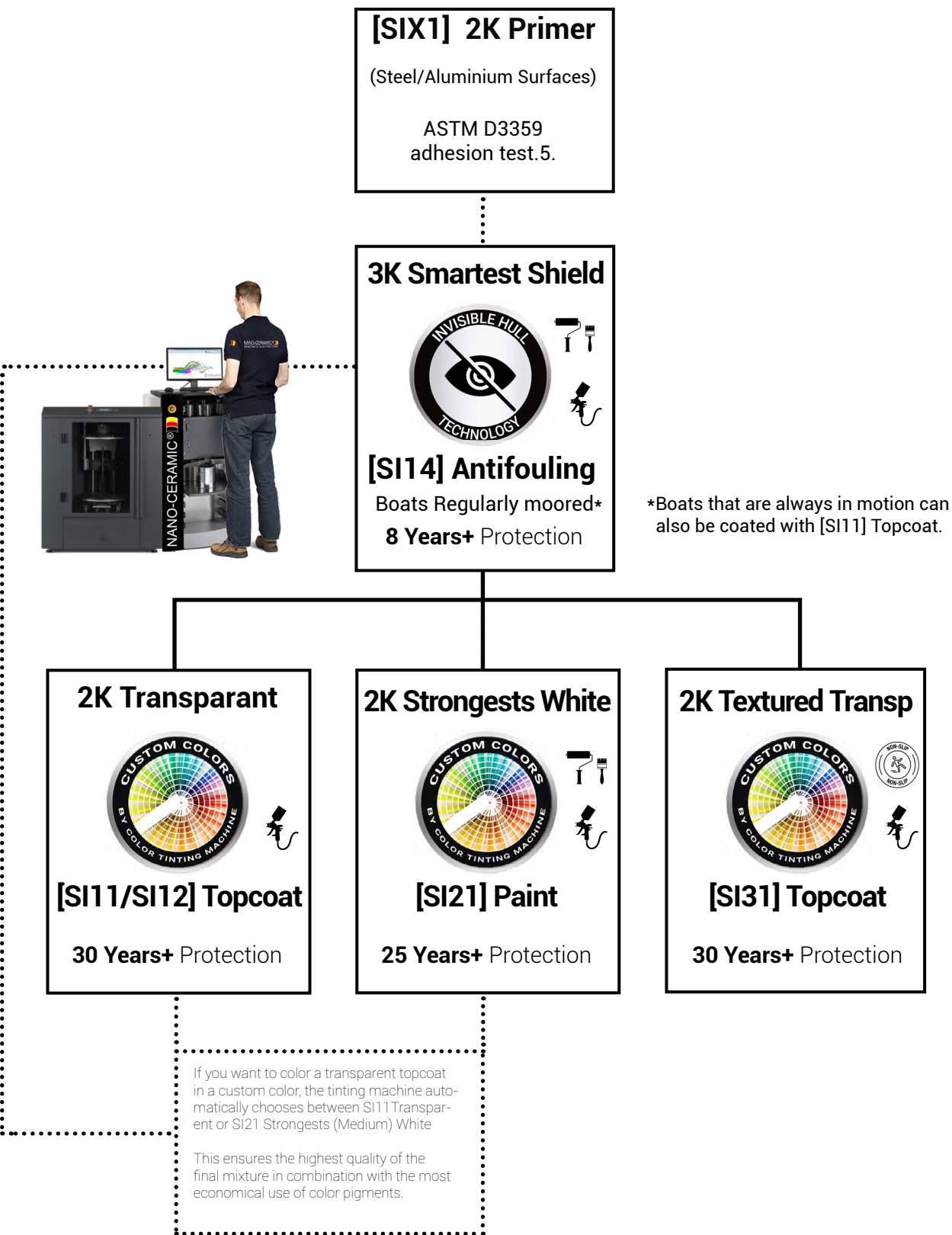
Conventional gelcoats are a mixture with Epoxy or Polyurethane resins, of which the quality of resin and pigments are the most important factor in the ultimate strength. Most have a lifespan of 15 years, with hardness, color and gloss retention (sun fading) and manual mixing towards consistent quality 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	Yes	Yes	Yes	Yes	No
Adhesion Strength	Poor	Poor	Poor	Poor	Excellent
Cross Cut Test	Poor	Poor	Good	Poor	Excellent
Abrasion Resistance	Poor	Poor	Average	Poor	Excellent
UV Radiation Resistance	Average	Average	Poor	Good	Excellent
Artificial Atmospheric Agents	Poor	Poor	Good	Good	Excellent
Colour Retention	Average	Average	Poor	Poor	Excellent
Gloss Retention	Poor	Poor	Poor	Poor	Excellent
Chemical Resistance	Good	Good	Good	Poor	Excellent
Severe Chemical Attack	Poor	Poor	Average	Poor	Excellent
Temperature Resistance	140°F	196°F	350°F	505°F	600°F
Thermal Shock Resistance	Good	Good	Poor	Good	Excellent
Carbon Dioxide Permeability	Poor	Poor	Good	Poor	Excellent
Permeability water vapour	Average	Average	Good	Average	Excellent
Water Absorption Rate	5-15%	1%	2%	3%	0%
Aging at 158°F	Poor	Poor	Good	Average	Excellent
Adhesion Strenght Pull-off	Poor	Average	Good	Poor	Excellent
Impact Resistance	Poor	Average	Good	Poor	Excellent
Anti-Graffiti	No	No	No	No	Yes
Anti-Termite (Wood)	No	No	No	No	Yes
Hydrophobic Self Cleaning	No	No	No	No	Yes
Easy to Clean	No	No	No	No	Yes
Total Solar Reflectance (TSR)	60 (white)	60 (white)	60 (white)	60 (white)	88 (white)
Expected Lifetime in Years	<7	<7	<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

<b>Product ID</b>	: SI212000 67oz / 5.3 lbs
<b>Consumption</b>	: 3 layers 0.044lbs/ft <sup>2</sup> - 0.56oz/ ft <sup>2</sup> = 3 mil/120ft <sup>2</sup>
<b>Reachable area</b>	: 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>
<b>Hardness</b>	: H8
<b>Used on</b>	: Gelcoat, fiberglass, steel, aluminium, plastics, wood
<b>Application field</b>	: 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)

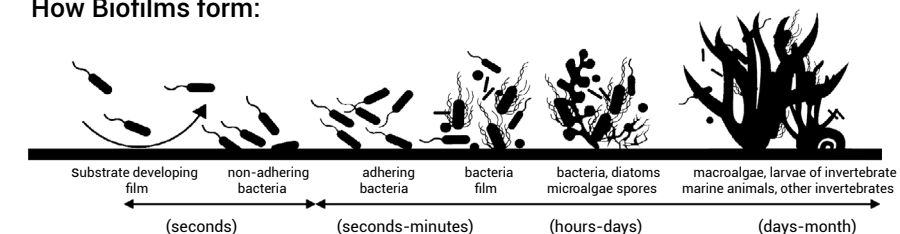
## The Smartest White black/red/blue/grey/transparent

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

<b>Article Nr.</b>	: SI312000 67oz / 4.6 lbs
<b>Consumption</b>	: 3 layers 0.050lbs/ft <sup>2</sup> - 0.76oz/ ft <sup>2</sup> = 3 mil/ 90ft <sup>2</sup>
<b>Reachable area</b>	: 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>
<b>Hardness</b>	: H9
<b>Used on</b>	: Gelcoat, fiberglass, steel, aluminium, : plastics, wood, virtually any surface.
<b>Application area</b>	: 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+



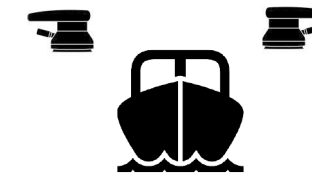
How to use: Page 31

- 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



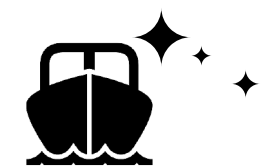
**Step 3**  
Steril Cleaner



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

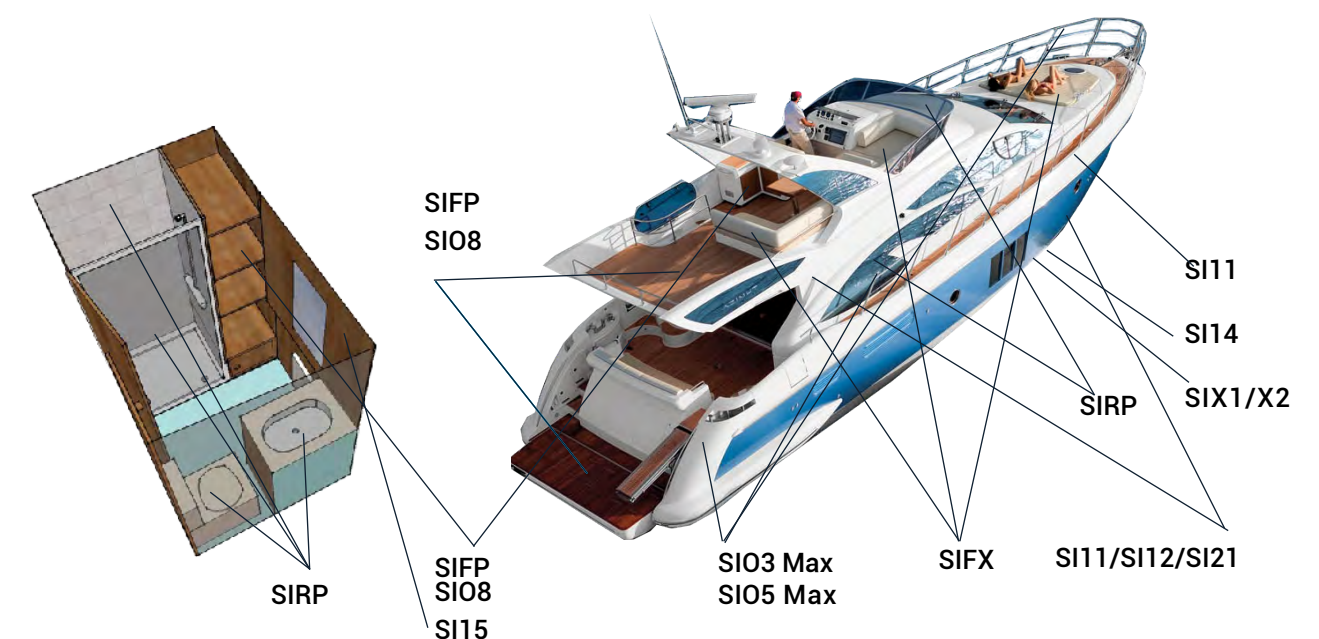


**Step 5**  
Nano Layer  
Hydrophobic  
Topcoat



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

## Where to use our coatings:

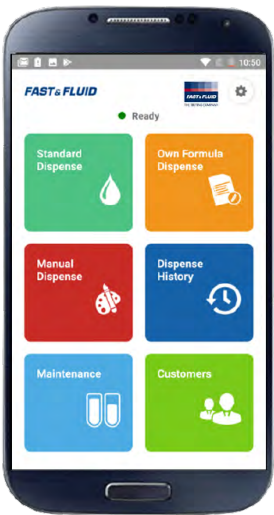




# Color mixing has never been so easy!!!

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°)

SI15 White Egg Shell (Flat Finish) 18/28 (20/60°)

SI21 White Gloss 49/77 (20/60°)

SI22 White Satin 33/59 (20/60°)

SI41 Textured White Semi Gloss 41/69 (20/60°)

SI42 Textured White Matte 11/21 (20/60°)

Original

Cool white

RAL 9001

Cream white

RAL 9002

Grey white

RAL 9003

Signal white

RAL 9004

Signal black

RAL 9005

Jet black

RAL 9006

White aluminium

RAL 9007

Grey aluminium

RAL 9010

Pure white

RAL 9011

Graphite black

RAL 9016

Traffic white

RAL 9018

Papyrus white

RAL 9022

Pearl light grey

RAL 9023

Pearl dark grey

RAL 1000

Green beige

RAL 1001

Beige

RAL 1002

Sand yellow

RAL 1011

Brownbeige

RAL 1013

Pearl white

RAL 1014

Ivory

RAL 1015

Light Ivory

RAL 9017

Traffic black

RAL 3015

Light pink

RAL 5007

Pastel blue

RAL 4009

Pastell violet

RAL 6027

Light green

RAL 7030

Squirrel grey

RAL 1036

Pearl gold

RAL 8029

Pearl copper

RAL 8012

Pearl blackberry

RAL 5025

Pearl gentian blue

RAL 6036

Pearl opal green

RAL 8016

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 7001

Silver grey

RAL 8032

Signal brown

RAL 8025

Pale brown

Other colors need minimal 100kg

Marine

SI12 Transparent Matte 11/21 (20/60°)

SI41 Textured White 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

SI31 Textured Transparent Semi Gloss 41/69 (20/60°)

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

SI33 Textured Black Semi Gloss 41/69 (20/60°)

Transparent matte

RAL 7031

Blue grey

RAL 9005

Jet black

RAL 5006

NATO green

RAL 7024

Graphite grey

RAL 1015

Desert sand

RAL 9000

Camo beige

Dark grey camo

RAL 5022

Olive drap

Very dark drap

Light stone

RAL 6031

Bronze green

RAL 6451

Brunswick green

RAL 7016

Dark sea grey

RAL 5008

[RAF] Blue grey

Antifouling

SI14 Color 31/41 (20/60°)

Transparent

RAL 9005

Jet Black

RAL 3001

Signal Red

RAL 5002

Ultra marine blue

RAL 7004

Signal Grey



# SIX1

2-Component (2K)

## Primer Epoxy Polyamide

heavy duty - anti-corrosion

Article Nr.	: SIX11250 42oz / 3.2 lbs   SIX15000 1.32gal / 12.8 lbs
Consumption	: 2 layers   +/- 0.53 lbs/ft² - 0.7oz/ft²   80 micron =   50ft²
Reachable area	: 1 layer   +/- 0.26 lbs/ft² - 0.4oz/ft²   40 micron =   100ft²
Hardness	: H5
Colors	: White, Grey or RAL (RAL Minimum Order 250pcs 1.32gal)
Used on	: Concrete, Steel, Aluminium, Fiberglass and other organic surfaces
Application area	: Buildings, marine, airports, offshore structures, bridges

SIX1 is a solvent based epoxy polyamide primer. This primer is used for corrosion protection on concrete, stainless, galvanized, carbon and alloy steel, aluminum in corrosive conditions and has excellent adhesion to all organic substrates and to all of our ceramic topcoats. The primer can be applied at a relative humidity of 40-80% and can be painted over within 8 hours 85°F, 1 hours 140F°.



- Fast Repaintable
- Excellent adhesion



## Heavy Duty Primer - Smooth Surfacer

# SIX2

2-Component (2K)

## Primer Surfacer Acrylic Alkyd

smooth - surface modifier

Article Nr.	: SIX21250 42oz / 3.2 lbs   SIX25000 1.32gal / 12.8 lbs
Consumption	: 2 layers   +/- 0.44 lbs/ft² - 0.7oz/ft²   60 micron =   60ft²
Reachable area	: 1 layer   +/- 0.22 lbs/ft² - 0.4oz/ft²   30 micron =   120ft²
Hardness	: H3
Colors	: White or Grey
Used on	: Steel, aluminium, wood, fiberglass, and old paint systems.
Application area	: 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 140F°.



- Fast Repaintable
- Excellent adhesion
- VOC Free



# SIX3

2-Component (2K)

## Primer PU Wood Filler

surface modifier - absorbtion reducer

- Article Nr: : SIX31500 51oz / 3.3 lbs
- Consumption : 2 layers +/- 0.40 lbs/ft² - 0.6oz/ft² 60 micron = 80ft²
- Reachable area : 1 layer +/- 0.20 lbs/ft² - 0.3oz/ft² 30 micron = 120ft²
- Hardness : H4
- Used on : Steel, Aluminium and other organic surfaces
- Application area : Buildings, marine, airports, offshore structures, bridges

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



- Fast Repaintable
- Excellent adhesion



## Wood or Natural Stone - Filler

# SIX4

1-Component (1K)

## Primer Acrylic Waterbased

all surfaces modifier - stain killer

- Article Nr: : SIX41000 32oz / 2.65 lbs SIX44000 1gal / 10.6 lbs
- onsumption : 2 layers +/- 0.53 lbs/ft² - 0.7oz/ft² 80 micron = 50ft²
- Reachable area : 1 layer +/- 0.26 lbs/ft² - 0.4oz/ft² 40 micron = 100ft²
- Hardness : H3
- Colors : White, Grey or RAL (RAL Minimum Order 250pcs 1gal)
- Used on : Concrete, wood, drywalls and old waterbased paints
- Application area : Buildings, walls and ceilings indoor or outdoor

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



- Fast Repaintable
- Excellent adhesion
- VOC Free



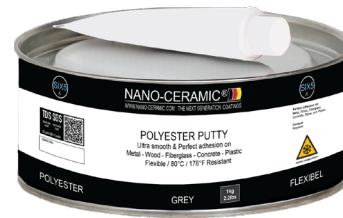


# SIX5

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



**Fast Repaintable**



**Excellent adhesion**

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

**Instructions for use:**  
 Make sure the surface is free from contamination and dirt.  
 A mix ratio should be used in case of problems with the substrate or in concrete circumstances. The Primer should pass the ASTM D3282 adhesion test 5.  
 Mix SIX5A (Base) with SIX5B (Activator), or mix in an exact ratio 3:1 NET WEIGHT using a scale. The surface must be absolutely dry before application. Apply all the layer reaches a thickness of approx. 75 microns (3 mil) after drying.  
 Thickness to be determined by surface porosity.  
 Let the surface dry for 24 hours. In humidity in 1 hour after 24 hours 85% coat and the remaining 15% (dewindication) can be applied to fully coat after 7 days. The primer that the mixed coating cannot be applied longer than 24 hours.  
 75.50 microns (3.0 mil) covers 10.7.44m<sup>2</sup> / 75.140m<sup>2</sup>  
 Content: 1.8L / 60oz [NET WT: 1.73 kg / 3.8 LBS]

**WARNING!**  
 FLAMMABLE - LIQUID - VAPOR AND SPRAY MIST HARMFUL  
 EXPOSURE MAY CAUSE LUNG DAMAGE, ALLERGIC REACTION OR RESPIRATORY REACTION. MAY BE HARMFUL IF SWALLOWED.  
 MAY CAUSE EYE, SKIN, NOSE AND THROAT IRRITATION.

Manufactured in Indonesia  
 SIX5 SIX5A SIX5B  
 SIX5 K2001-SIX5B K3000 SIX5B  
 SIX5 SIX5A SIX5B

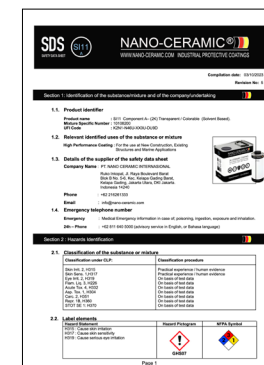
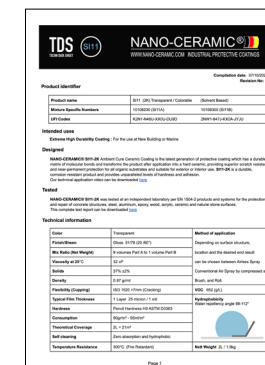
**2K CERAMIC COATING**  
 Super Durable Utilizes Nano-Technology  
 UV / Chemical / 300°C / 600°F Resistant

Perfect adhesion on:  
 Fiberglass, Epoxy,  
 Aluminum, Steel,  
 Concrete, Stone,  
 Wood, Acrylic, Copper,  
 Cast Iron, PTFE  
 Adhesives, Olefin/Polyester Acid  
 Adhesives, Epoxy  
 (Shore: 51/78 (20-80°))

**TDS SDS**  
 Scan QR Code

**GLOSS** **TRANSPARENT / COLORABLE** **TRANSPARENT**

## 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

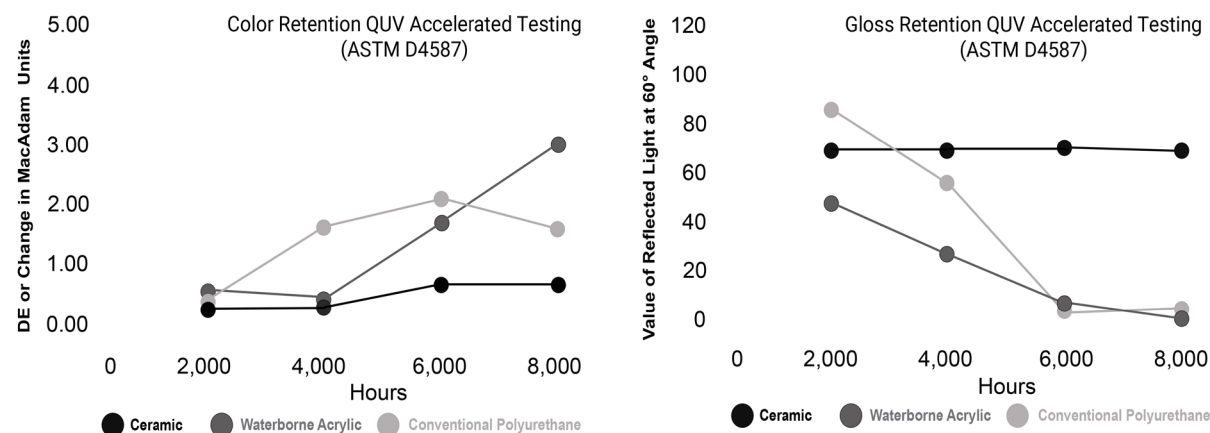


Article Nr. : RETA0400 14oz / 0.85 lbs ACCL0200 7oz / 0.4 lbs

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.

The surface can simply be maintained with a high pressure washer at 80 bar using our biologically degradable Reactivating Shampoo.

### 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®



WWW.NANO-CERAMIC.COM INDUSTRIAL PROTECTIVE COATINGS



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

*Did you know that our Thin film Coatings  
are made from pure silica, which is one  
of the most common elements on Earth?*

**Dealer**