

# NANO-CERAMIC®

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



**Marine** 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 300°C resistant and more than 6 times stronger than traditional acrylic based paint finishes, and is effectively preventing damage that would otherwise affect the appearance and integrity of the original surface.

## Low Maintenance for 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%.

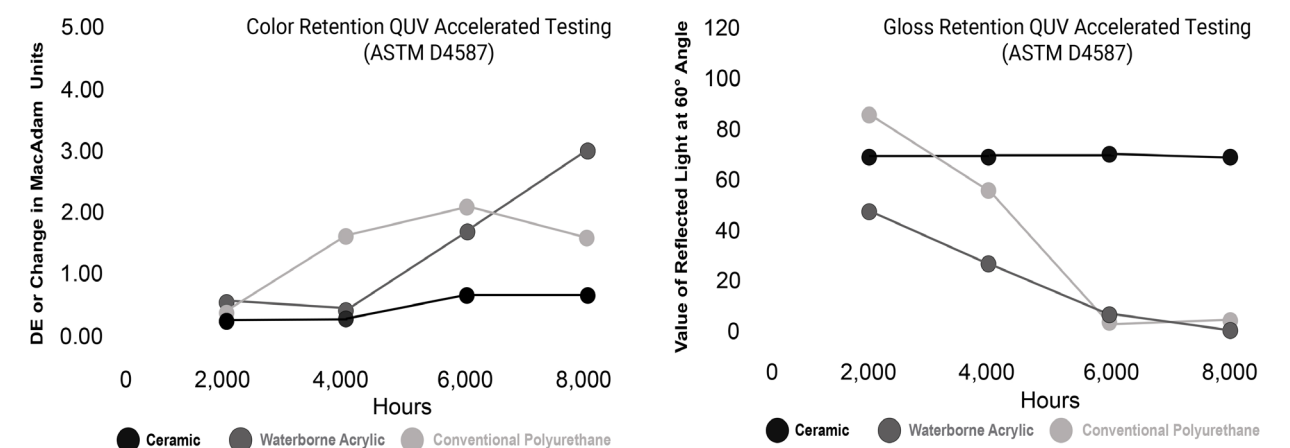
In a new analysis from IPTEK ITS 2023 concerning Drag Reduction, the following conclusions have been obtained. It was found that there was an increase in acceleration due to drag reduction on the ship model treated with a superhydrophobic coating, showing a 31% improvement compared to the non-coated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

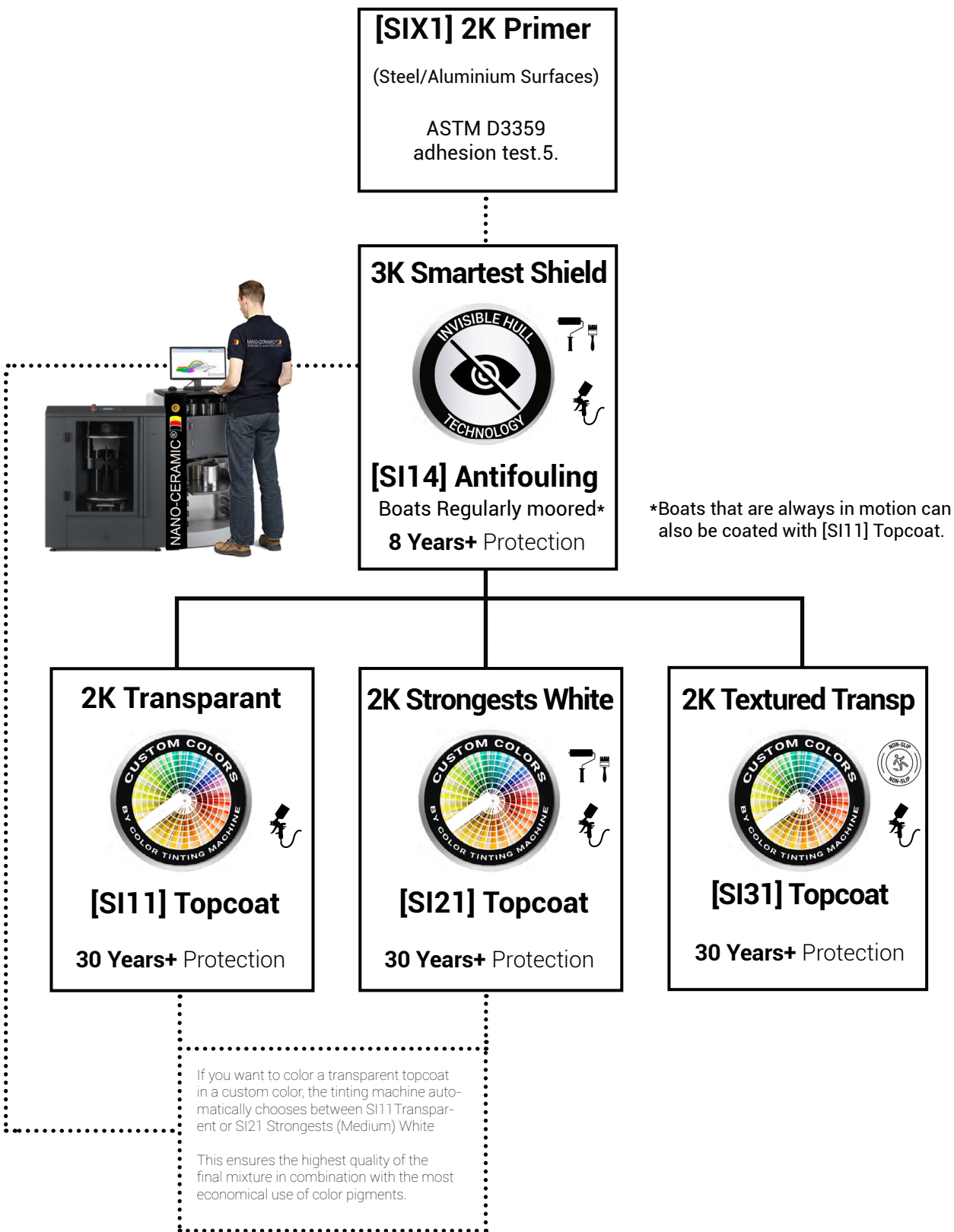
Conventional gelcoats are a mixture with Epoxy or Polyurethane resins, of which the quality of resin and pigments are the most important factor in the ultimate strength. Most have a lifespan of 15 years, with hardness, color and gloss retention (sun fading) and manual mixing towards consistent quality 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<br>walls ceilings | Acrylic<br>walls floors | Epoxy<br>floors | Polyurethane<br>waterproofing | CERAMIC®<br>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        | 60°C                            | 91°C                    | 177°C           | 263°C                         | 300°C                    |
| 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 70°C                 | 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 2L / 1.900 gr                                                                |
| <b>Consumption</b>       | : 3 layers +/- 270gr/m <sup>2</sup> - 285ml/m <sup>2</sup> 75 micron = 7m <sup>2</sup>  |
| <b>Reachable area</b>    | : 2 layers +/- 180gr/m <sup>2</sup> - 190ml/m <sup>2</sup> 50 micron = 14m <sup>2</sup> |
|                          | : 1 layers +/- 90gr/m <sup>2</sup> - 95ml/m <sup>2</sup> 25 micron = 21m <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 matte surfaces

|                          |                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------|
| <b>Product ID</b>        | : SI122000 2L / 1.000 gr                                                                |
| <b>Consumption</b>       | : 3 layers +/- 270gr/m <sup>2</sup> - 285ml/m <sup>2</sup> 75 micron = 7m <sup>2</sup>  |
| <b>Reachable area</b>    | : 2 layers +/- 180gr/m <sup>2</sup> - 190ml/m <sup>2</sup> 50 micron = 14m <sup>2</sup> |
|                          | : 1 layers +/- 90gr/m <sup>2</sup> - 95ml/m <sup>2</sup> 25 micron = 21m <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 Strongest White for glossy surfaces

|                          |                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------|
| <b>Product ID</b>        | : SI212000 2L / 2.400 gr                                                                |
| <b>Consumption</b>       | : 3 layers +/- 200gr/m <sup>2</sup> - 165ml/m <sup>2</sup> 75 micron = 12m <sup>2</sup> |
| <b>Reachable area</b>    | : 2 layers +/- 130gr/m <sup>2</sup> - 110ml/m <sup>2</sup> 50 micron = 16m <sup>2</sup> |
|                          | : 1 layers +/- 65gr/m <sup>2</sup> - 55ml/m <sup>2</sup> 25 micron = 24m <sup>2</sup>   |
| <b>Hardness</b>          | : H9                                                                                    |
| <b>Used for</b>          | : Fiberglass, steel, aluminium, plastics, wood                                          |
| <b>Application field</b> | : Marine, exteriors, interiors                                                          |

SI21 is an incredibly strong 2-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating does not absorb any water
- Resistant to all kinds of chemicals and UV radiation.
- This coating can withstand temperatures of 300°C

Expected life duration up to 25 years+



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  
1kg / 80cm**
-  **Protects your  
investment**



# SI14

3-Component (3K)

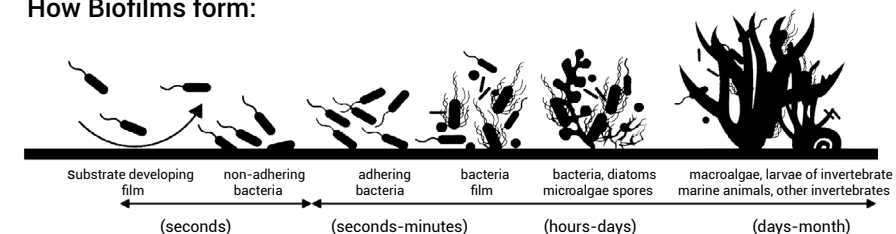
## The Smartest Antifouling black/red/blue/grey/transparent

|                           |                                                                                        |
|---------------------------|----------------------------------------------------------------------------------------|
| <b>Product ID</b>         | : SI144000-BK SI144000-RD 4L / 4.300gr                                                 |
|                           | SI144000-BL SI144000-GR SI14400-TR                                                     |
| <b>Consumption</b>        | : 2 layers 308gr/m <sup>2</sup> - 286ml/m <sup>2</sup> = 200 micron / 14m <sup>2</sup> |
| <b>Reachable area</b>     | : 1 layers 154gr/m <sup>2</sup> - 143ml/m <sup>2</sup> = 100 micron / 28m <sup>2</sup> |
| <b>Hardness/Viscosity</b> | : H7                                                                                   |
| <b>Used for</b>           | : 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 Cupper and Tin  
Non Biocidal**
-  **Super Sleek Surface  
Algae release <6 knots**
-  **Self-cleaning  
stays cleaner longer**
-  **Save fuel**
-  **Impact Resistance  
1kg / 80cm**
-  **Thermal Shock-  
Resistant**



# SI31

2-Component (2K)

## Textured Transparent Semi Gloss antislip - high impact resistant



How to use: Page 31

|                         |                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------|
| <b>Product ID</b>       | : SI312000 2L / 2.000gr                                                                 |
| <b>Consumption</b>      | : 3 layers +/- 222gr/m <sup>2</sup> - 222ml/m <sup>2</sup> 90 micron = 9m <sup>2</sup>  |
| <b>Reachable area</b>   | : 2 layers +/- 111gr/m <sup>2</sup> - 111ml/m <sup>2</sup> 60 micron = 18m <sup>2</sup> |
|                         | : 1 layer +/- 74gr/m <sup>2</sup> - 74ml/m <sup>2</sup> 30 micron = 27m <sup>2</sup>    |
| <b>Hardness</b>         | : H9                                                                                    |
| <b>Used on</b>          | : Gelcoat, fiberglass, steel, aluminium,<br>: plastics, wood, virtually any surface.    |
| <b>Application area</b> | : Marine, exteriors, interiors                                                          |

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 300°C.
- Zero absorption, waterproof, insulation and heat rejecting

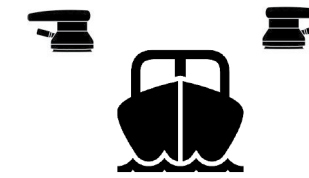
Expected Life Duration up to 30 years+

- 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**  
**1kg / 80cm**

## Maintenance Plan Thin Film Coating



**Step 1**  
Washing



**Step 2**  
Polishing



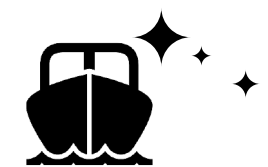
**Step 3**  
Steril Cleaner



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

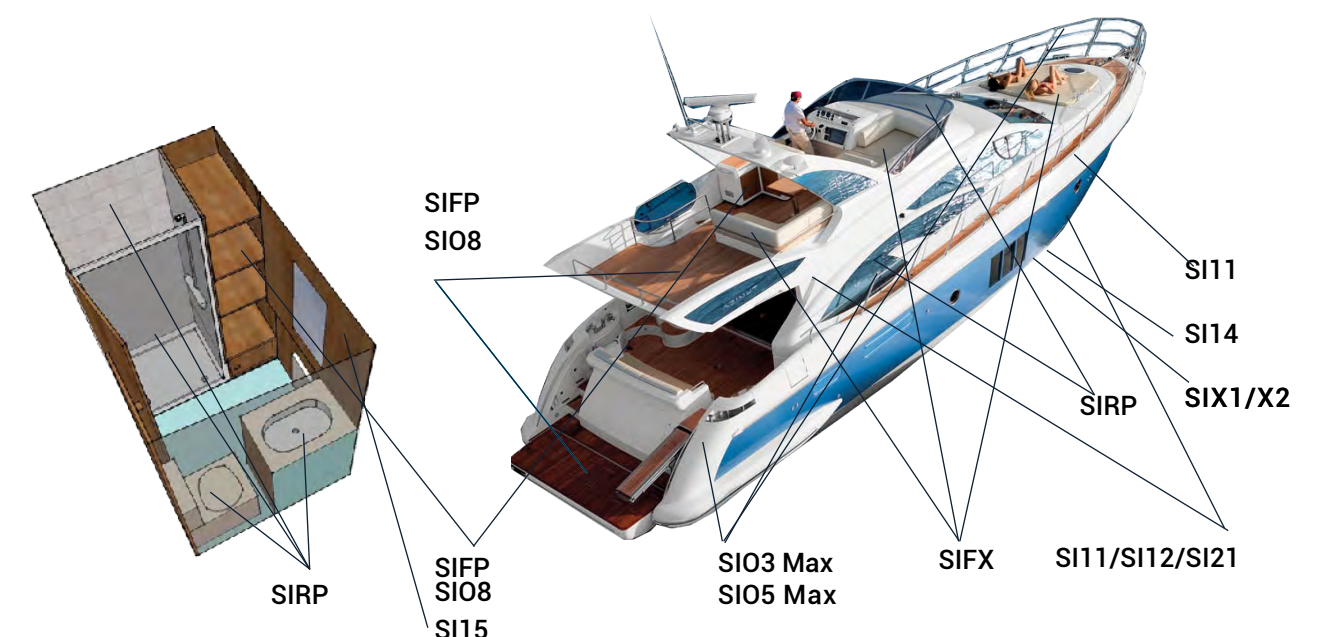


**Step 5**  
Nano Layer  
Hydrophobic  
Topcoat



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

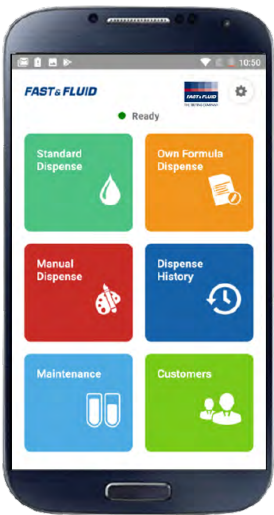
## Where to use our coatings:



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 4L



**Quinacridone Red**  
Masstone   
Tint   
844-0451 1L



**Scarlet Red**  
Masstone   
Tint   
844-0526 1L



**Lead Free Orange**  
Masstone   
Tint   
844-0982 1L



**Trans Red Oxide**  
Masstone   
Tint   
844-1054 1L



**Red Oxide**  
Masstone   
Tint   
844-1063 1L



**Burnt Umber**  
Masstone   
Tint   
844-1352 1L



**Trans Yellow Oxide**  
Masstone   
Tint   
844-1852 1L



**Yellow Oxide**  
Masstone   
Tint   
844-1863 1L



**Lead Free Med Yellow**  
Masstone   
Tint   
844-2555 1L



**Yellow**  
Masstone   
Tint   
844-2826 1L



**Organic Yellow**  
Masstone   
Tint   
844-2852 1L



**PHTHALO Green**  
Masstone   
Tint   
844-5558 1L



**Quinacridone Violet**  
Masstone   
Tint   
844-9451 1L



**Lamp Black**  
Masstone   
Tint   
844-9955 1L



**PHTHALO BLUE**  
Masstone   
Tint   
844-7262 1L

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 5023

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°)

SI33 Textured Black 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

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 1.25L / 1.2kg SIX15000 5L / 4.8kg
- Consumption : 2 layers +/- 240gr/m<sup>2</sup> - 250ml/m<sup>2</sup> 80 micron = 5m<sup>2</sup>
- Reachable area : 1 layer +/- 120gr/m<sup>2</sup> - 125ml/m<sup>2</sup> 40 micron = 10m<sup>2</sup>
- Hardness : H5
- Colors : White, Grey or RAL (RAL Minimum Order 250pcs 5L)
- Used on : Concrete, Steel, Aluminium, Fiberglass and other organic surfaces
- Application area : Buildings, marine, airports, offshore structures, bridges



- Fast Repaintable
- Excellent adhesion

SIX1 is a solvent based epoxy polyamide primer. This primer is used for corrosion protection on concrete, stainless, galvanized, carbon and alloy steel, aluminum in corrosive conditions and has excellent adhesion to all organic substrates and to all of our ceramic topcoats. The primer can be applied at a relative humidity of 40-80% and can be painted over within 8 hours 30°C, 1 hours 60°.



## Heavy Duty Primer - Smooth Surfacer

# SIX2

2-Component (2K)

## Primer Surfacer Acrylic Alkyd

smooth - surface modifier

- Article Nr. : SIX21250 1.25L / 1.2kg SIX25000 5L / 4.8kg
- Consumption : 2 layers +/- 200gr/m<sup>2</sup> - 210ml/m<sup>2</sup> 60 micron = 6m<sup>2</sup>
- Reachable area : 1 layer +/- 100gr/m<sup>2</sup> - 105ml/m<sup>2</sup> 30 micron = 12m<sup>2</sup>
- Hardness : H3
- Colors : White, Grey
- Used on : Steel, aluminium, wood, fiberglass, and old paint systems.
- Application area : Buildings, hotels, private housing, etc.



- Fast Repaintable
- Excellent adhesion

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



# SIX3

2-Component (2K)

## Primer PU Wood Filler

surface modifier - absorbtion reducer

|                  |                                                                                        |
|------------------|----------------------------------------------------------------------------------------|
| Article Nr:      | : SIX31500 1.5L / 1.4kg                                                                |
| Consumption      | : 2 layers +/- 175gr/m <sup>2</sup> - 185ml/m <sup>2</sup> 60 micron = 8m <sup>2</sup> |
| Reachable area   | : 1 layer +/- 115gr/m <sup>2</sup> - 95ml/m <sup>2</sup> 30 micron = 12m <sup>2</sup>  |
| Hardness         | : H4                                                                                   |
| Colors           | : Transparent                                                                          |
| Used on          | : Wood, Natural Stone, and other organic surfaces                                      |
| Application area | : Buildings, marine, hotels, private housing, etc.                                     |

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



- Fast Repaintable
- Excellent adhesion



## Wood or Natural Stone - Filler

# SIX4

1-Component (1K)

## Primer Acrylic Waterbased

all surfaces modifier

|                  |                                                                                        |
|------------------|----------------------------------------------------------------------------------------|
| Article Nr:      | : SIX41000 1L / 1.2kg SIX44000 4L / 4.8kg                                              |
| Consumption      | : 2 layers +/- 240gr/m <sup>2</sup> - 200ml/m <sup>2</sup> 60 micron = 5m <sup>2</sup> |
| Reachable area   | : 1 layer +/- 120gr/m <sup>2</sup> - 100ml/m <sup>2</sup> 30 micron = 10m <sup>2</sup> |
| Hardness         | : H3                                                                                   |
| Colors           | : White, Grey or RAL (RAL Minimum Order 250pcs 4L)                                     |
| 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.



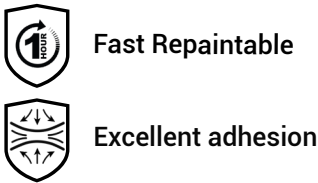
- Fast Repaintable
- Excellent adhesion
- VOC Free



# SIX5 2-Component (2K)

## Putty Polyester ultra smooth - sandable

Article Nr: : SIX51000 1.0kg  
Colors : Grey  
Used on : Metal, wood, fiberglass, concrete, plastics  
Application area : Buildings, marine, airports, offshore structures, bridges  
private housing, etc.



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



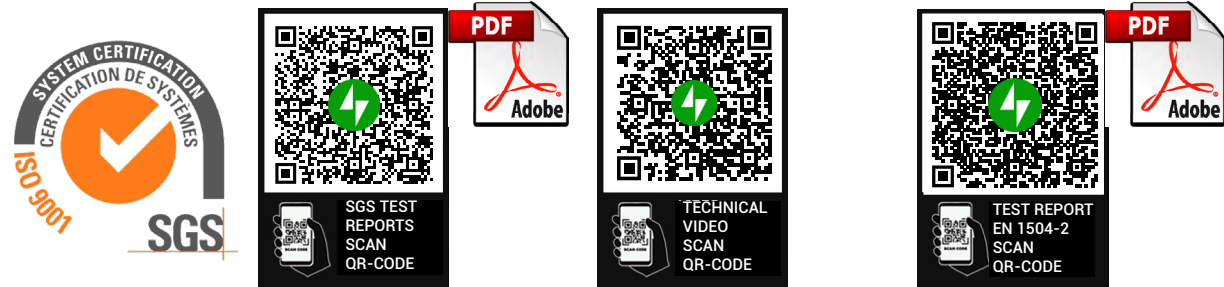
## Substrate Kit, Test, Touch and Feel

Substrate Kit  
16 different coating and paints

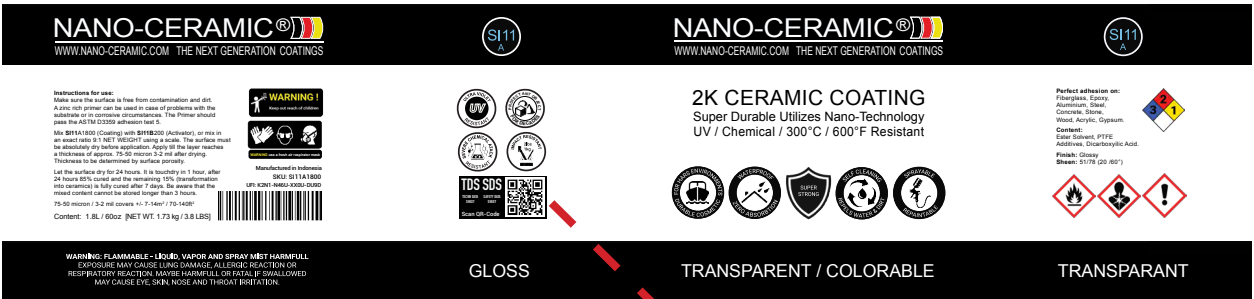


DEMOSKIT  
All our products are produced according  
to EU/ECHA USA/OSHA/EPA CANADA/WHIMS  
regulations

## Video Application & (Test) Results



## Scan QR Code for TDS and SDS



# SOLV Thinner solvent

for all types of our ceramic paint & coating

Article Nr. : SOLV0400 400ml / 345gr SOLV2000 2L / 1760gr SOLV5000 5L / 4400gr

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

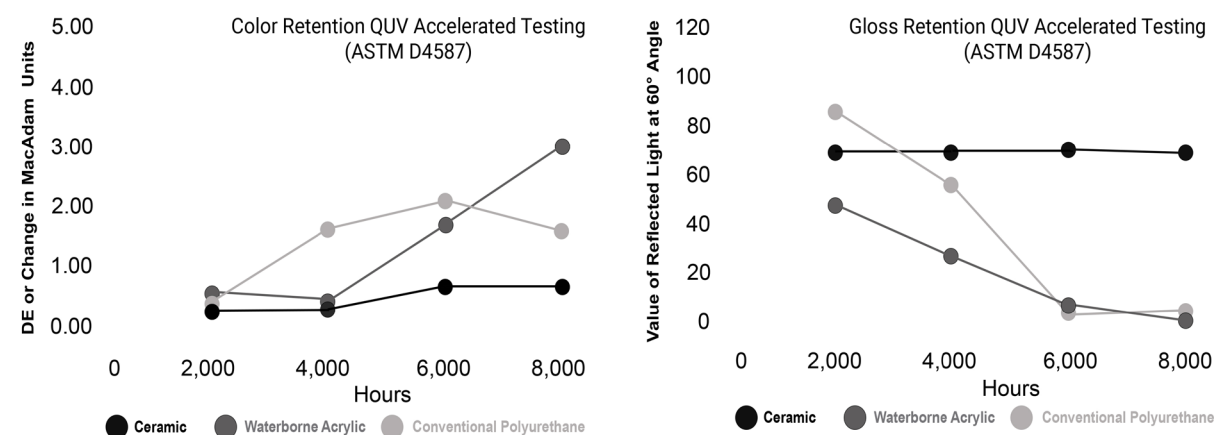
Article Nr. : RETA0400 400ml / 345gr ACCL0200 200ml / 180gr

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 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: 5-30°C  
Avoid direct sunlight, Rain and /or high humidity.

### IMPORTANT:

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

### Application 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, glass-fiber, 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 coat-

### 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**