

# NANO-CERAMIC®

WWW.NANO-CERAMIC.COM ARCHITECTURAL PRO COATINGS



**Military**



## What makes NANO-CERAMIC Permanent Coating System so durable?

NANO-CERAMIC permanent coating system is the latest generation of protective coating which transforms paint into a hard ceramic, providing superior scratch resistance and near-permanent protection for all exterior or interior surfaces.

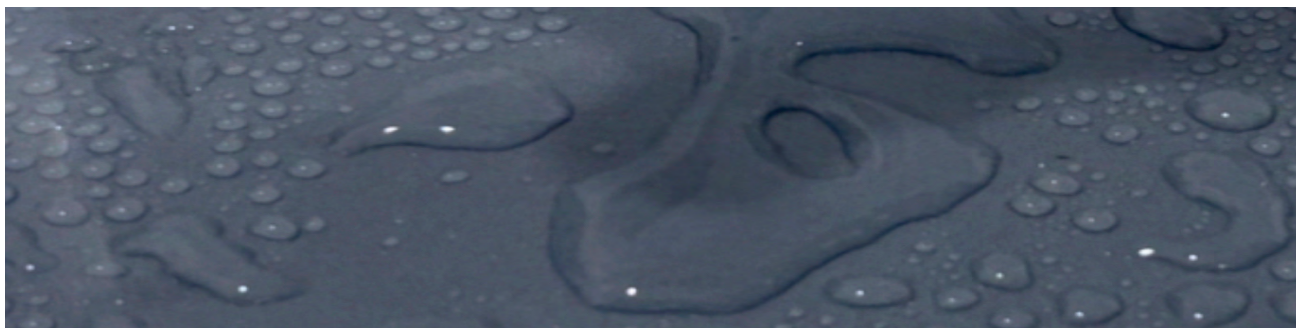
NANO-CERAMIC permanent coating system is 300°C resistant and more than 4 times stronger than traditional acrylic based paint finishes, and is effectively preventing damage that would otherwise affect the appearance and integrity of the original surface.

## Zero Maintenance for decades to come!

Our NANO-CERAMIC permanent coating system is rigorously tested by an independent testing laboratory according to the European standard for outdoor paints (EN 1504-2) as per test report page 19 as here below.

## Can NANO-CERAMIC Permanent Coating System be applied on any surface?

The NANO-CERAMIC permanent coating system 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 System self-cleaning?

NANO-CERAMIC permanent coating system 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 system 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%.

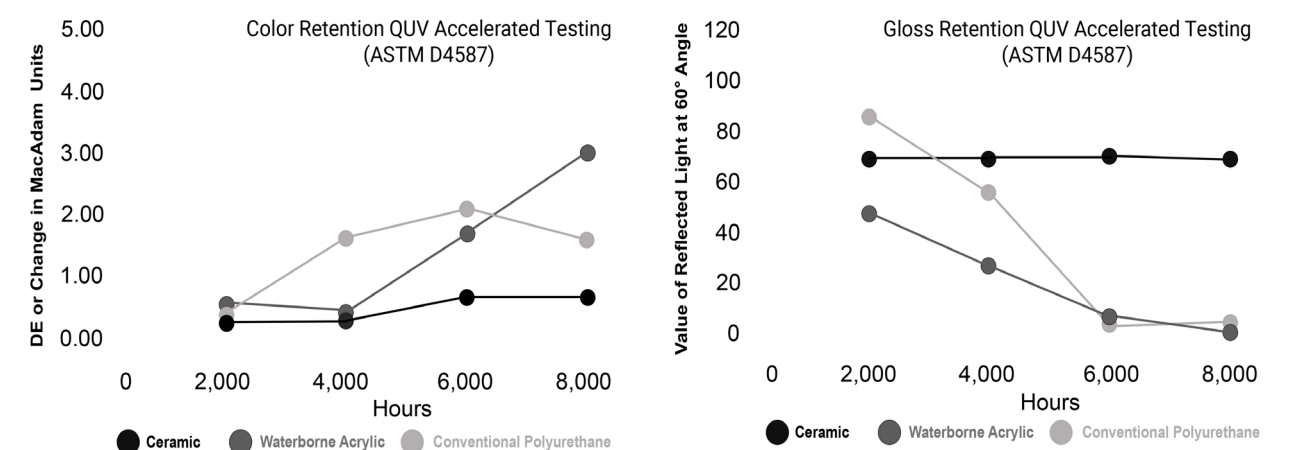
In a new analysis from IPTEK ITS 2023 concerning Drag Reduction, the following conclusions have been obtained. It was found that there was an increase in acceleration due to drag reduction on the ship model treated with a superhydrophobic coating, showing a 31% improvement compared to the non-coated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

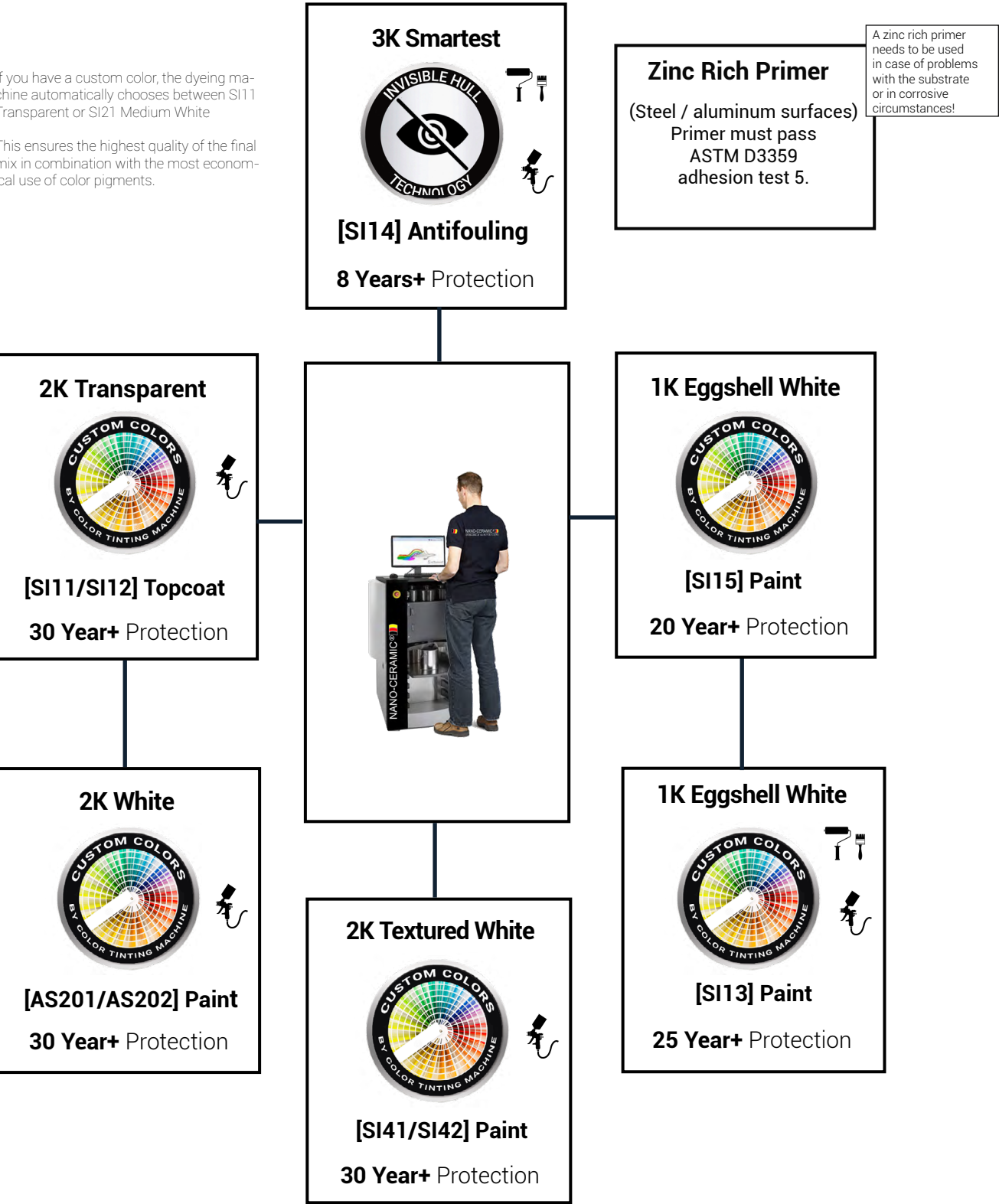
In case written in bold font it means existing shortcomings in quality.

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	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

If you have a custom color, the dyeing machine automatically chooses between SI11 Transparent or SI21 Medium White

This ensures the highest quality of the final mix in combination with the most economical use of color pigments.





# SI11/SI12 2-Component (2K)

## Topcoat Transparent for glossy or matte surfaces

<b>Article</b>	: SI112000 2L / 1.900gr Transparent Gloss SI122000 2L / 2.000gr Transparent Matte
<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>	: The system 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.
<b>Application area</b>	: Buildings, airports, offshore structures, bridges, tunnels, hotels, private housing, etc.



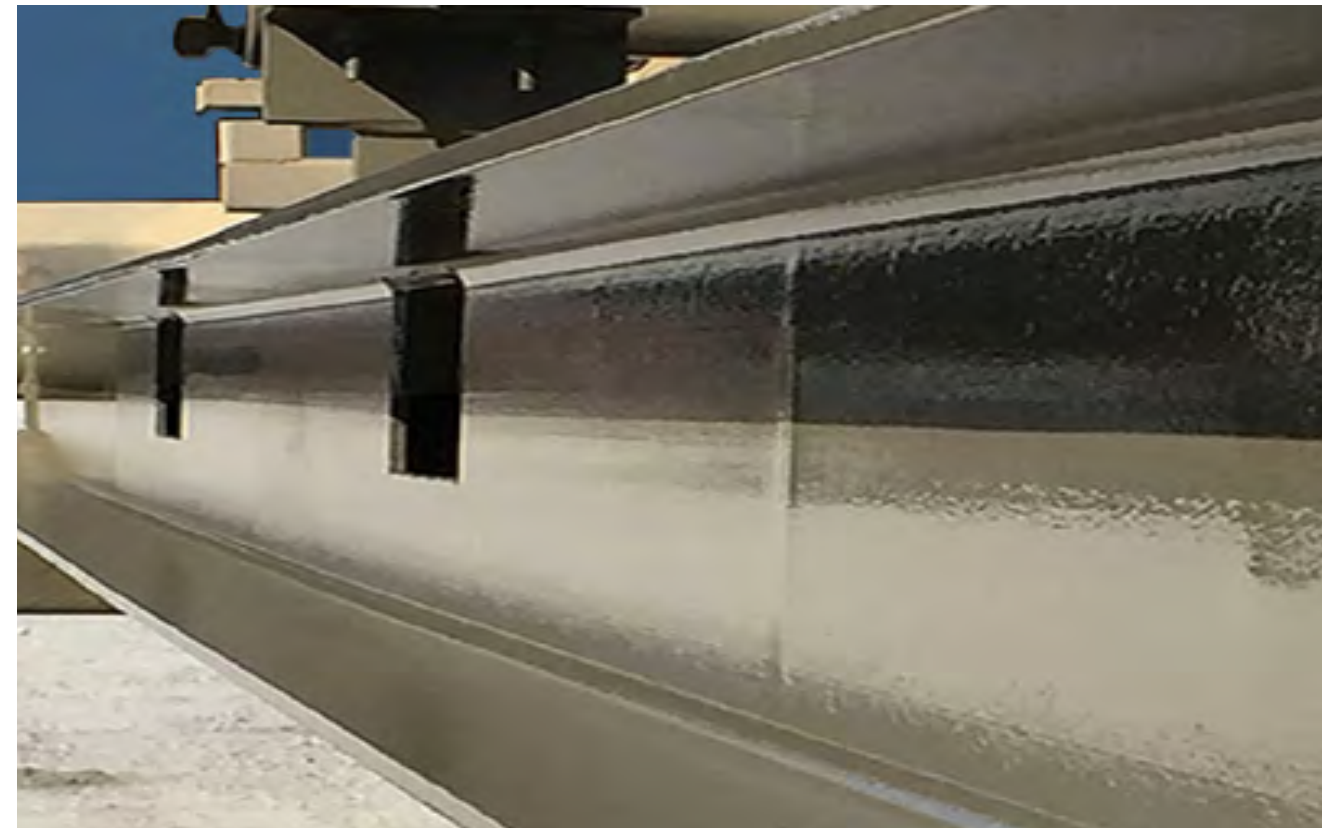
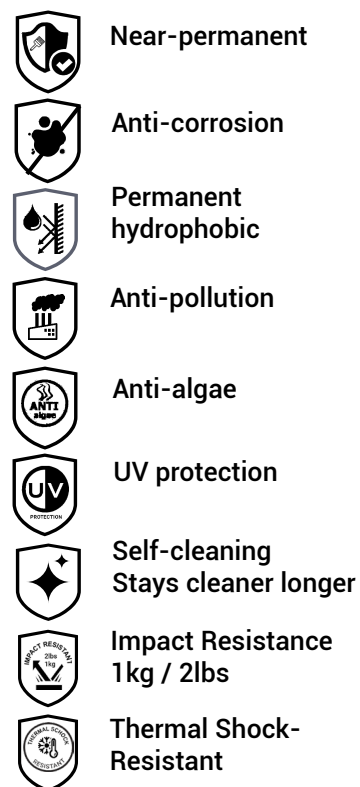
How to use: Page 20

SI11/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. suitable for making walls fire retardant and is most best solution to make rooftops waterproof

Expected life duration up to 30 years+.



## Permanent Hydrophobic - Self Cleaning





# SI21/SI22 2-Component (2K)

## Paint Strongest White for glossy and satin surfaces

<b>Article Nr.</b>	: SI210000 2L / 2.400gr SI220000 2L / 2.500gr
<b>Consumption</b>	: 3 layers +/- 200gr/m <sup>2</sup> - 165ml/m <sup>2</sup> 90 micron = 12m <sup>2</sup>
<b>Reachable area</b>	: 2 layers +/- 130gr/m <sup>2</sup> - 110ml/m <sup>2</sup> 60 micron = 16m <sup>2</sup> : 1 layer +/- 65gr/m <sup>2</sup> - 55ml/m <sup>2</sup> 30 micron = 24m <sup>2</sup>
<b>Hardness</b>	: H9
<b>Used for</b>	: The SI21 system 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
<b>Application area</b>	: Buildings, airports, offshore structures, bridges, tunnels, ships, tanks, vehicles, etc.



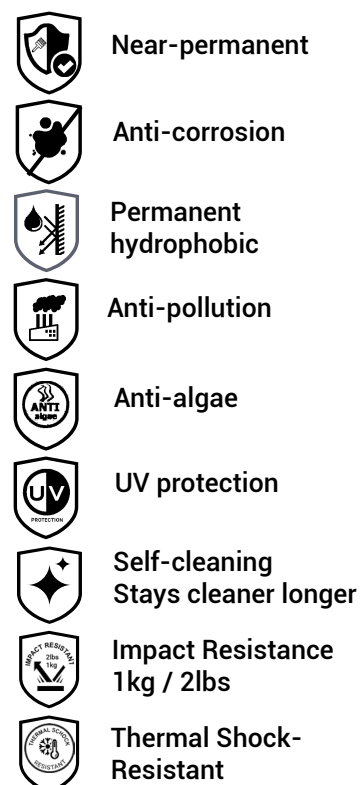
How to use: Page 20

SI21/SI22 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 suitable for making walls fire retardant and to make rooftops waterproof

Expected life duration up to 30 years+



## Thermal Shock - Impact Resistant





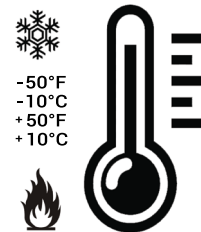
# SI31 2-Component (2K)

## Textured Transparent Semi Gloss antislip - high impact resistant



<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, : plastics, wood, virtually any surface.
<b>Application area</b>	: Buildings, marine, offshore structures, bridges, etc

How to use: Page 20



How to use: Page 31

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 absorbtion, waterproof, insulation and heat rejecting



**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**



**Saves 10-20% on  
electricity**



## Anti Slip - Noise Reduction



Expected life duration up to 30 years+



# SI14

3-Component (3K)

## The Smartest Antifouling

black/red/blue/grey



<b>Product ID</b>	: SI144000-BK SI144000-RD 4L/ 4.300gr : SI144000-BL SI144000-GR 4L/ 4.300gr
<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</b>	: H7
<b>Used for</b>	: Gelcoat, fiberglass, steel, aluminium, plastics, wood
<b>Application area</b>	: Marine Antifouling (humid environments)

How to use: Page 20

SI14 is a super strong strong and sleek 3-component antifouling system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in a superior protection of the surface.








The coating tricks microorganisms into perceiving plain water in front of them, rather than a ship's hull; as a result they often make no attempt to settle on the hull.

Due to a combination of hydrophobic silicone and hydrophilic polymers they can not longer clearly recognize the surface, nor distinguish the hull unambiguously from sea water.

Three simple steps: Clean, Dry, and Apply.

- Easily releases algae
- Super smooth self-polishing surface
- Organic Copper and Tin Non Biocidal release
- This coating has an outstanding hydrophobic effect.
- Resistant to all kinds of chemicals and UV radiation.
- This coating can withstand temperatures of 300°C

Expected life duration up to 8 year+

-  **Easy to apply**  
**Repaintable**
-  **Cut maintenance costs**
-  **Organic Copper and Tin**  
**Non Biocidal**
-  **Super Sleek Surface**  
**Algae release <6knots**
-  **Permanent**  
**hydrophobic**
-  **Self-cleaning**  
**stays cleaner longer**
-  **Save fuel**
-  **Impact Resistance**  
**1kg / 2lbs**
-  **Thermal Shock-**  
**Resistant**



## Super Smooth - Saves Fuel





# SI13

2-Component (2K)

## Paint Coolest White for egg-shell surfaces



**Article Nr.** : SI132000 2L / 3.300 gr White

**How to use:** Page 20

**Consumption** : 2 layers +/- 235gr/m<sup>2</sup> - 143ml/m<sup>2</sup> 90 micron = 14m<sup>2</sup>

**Reachable area** : 1 layer +/- 118gr/m<sup>2</sup> - 72ml/m<sup>2</sup> 45 micron = 28m<sup>2</sup>

**Hardness** : H7

**Used for** : The SI13 system can be applied directly or indirectly on all surfaces (porous and non-porous) such as concrete, steel, wood, acrylic, gypsum, painted or unpainted surfaces, walls, ceilings indoors, or outdoors

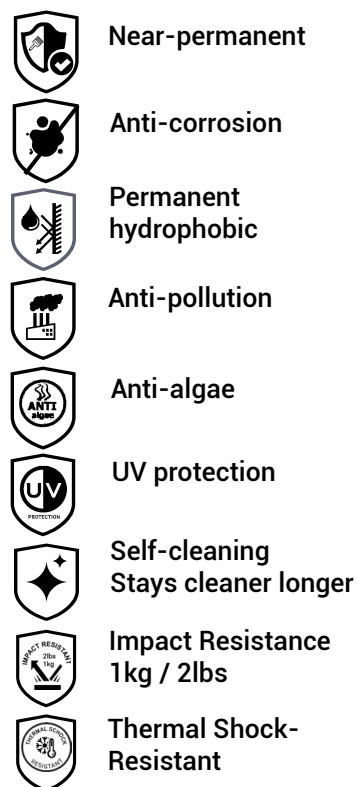
**Application area** : Buildings, offices airports, offshore structures, bridges, tunnels, hotels, private housing, etc.

SI13 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 has an outstanding hydrophobic effect.
- 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 suitable for making walls fire retardant and to make rooftops waterproof.

Expected life duration up to 25 year+



## Passive Cooling - Isolating





# SI15

1-Component (1K)

## Paint Coolest White for egg-shell surfaces

**Article Nr.** : SI152000 2L / 3.000 gr White

**Consumption** : 2 layers +/- 235gr/m<sup>2</sup> - 143ml/m<sup>2</sup> 90 micron = 14m<sup>2</sup>

**Reachable area** : 1 layer +/- 118gr/m<sup>2</sup> - 72ml/m<sup>2</sup> 45 micron = 28m<sup>2</sup>

**Hardness** : H6

**Used for** : The SI15 system can be applied directly or indirectly on all surfaces (porous and non-porous) such as concrete, steel, wood, acrylic, gypsum, painted or unpainted surfaces, walls, ceilings indoors, or outdoors

**Application area** : Buildings, offices airports, offshore structures, bridges, tunnels, hotels, private housing, etc.

SI15 is an incredibly strong 1-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

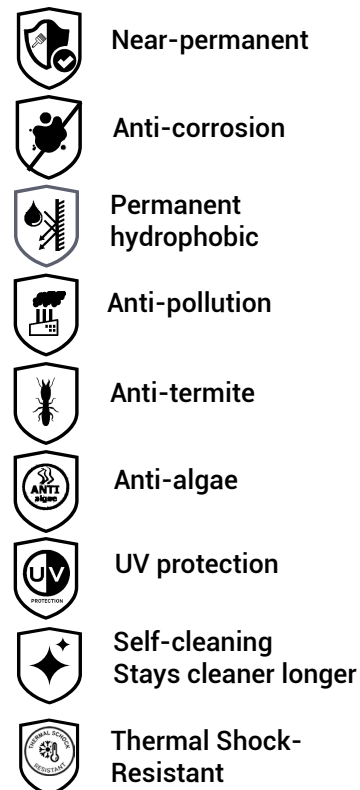
Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- 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 suitable for making walls fire retardant and to make rooftops waterproof

Expected life duration up to 20 years+



**How to use:** Page 20



## Chemical - Temperature Resistant (300°C)

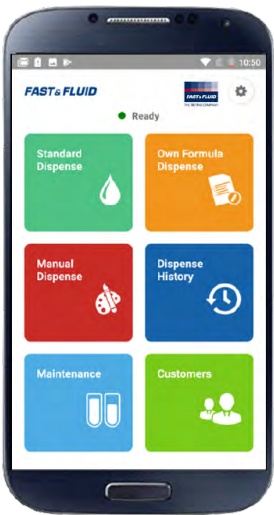




Color mixing has never been so easy!!!

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 7000

Squirrel grey

RAL 1036

Pearl gold

RAL 8029

Pearl copper

RAL 6012

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

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

RAL 3000

Fire red

RAL 3004

Burgundy

RAL 7036

Platinum

RAL 9005

Jet Black

RAL 5019

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

Dark grey camo

RAL 5022

Olive drap

RAL 1020

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

<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**



## Absorption Reducer - All Surface Modifier

# SIX4

1-Component (1K)

## Primer Acrylic Waterbased

all surfaces modifier

<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**





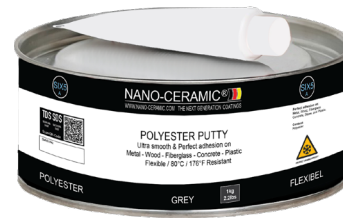
# SIX5

2-Component (2K)

## Putty Polyester

ultra smooth - sandable

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



**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 pre-treatment can 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 equal ratio 50/50 WEIGHT using a scale. The surface must be absolutely dry before application. Apply all the layer in 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 or 1 hour after 24 hours 85% covered and the remaining 15% by reapplication. The reapplication to fully coated after 7 days. The primer that the mixed coating cannot be applied longer than 24 hours.  
 75-80 microns (3.0 mil) covers 10-15 m<sup>2</sup> / 75-140 ft<sup>2</sup>.  
 Content: 1.8L / 60oz [NET WT: 1.73 kg / 3.8 LBS]

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

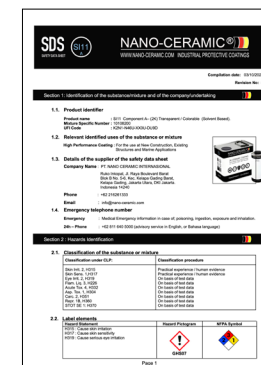
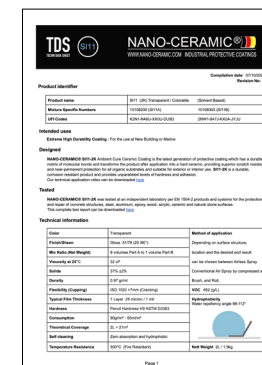
Manufactured in Indonesia  
 SIX5 SIX5A SIX5B  
 SIX5 K2001-SIX5B K3000 SIX5B  
 TDS SDS  
 Scan QR Code

**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, Gypsum.  
 Content:  
 Base: Activator, PTFE  
 Additives: Diisocyanate Acid  
 Primer: Epoxy  
 Resin: SIX5B (20-80%)

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

## Video Application & (Test) Results





## 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.

### 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)

### Application information

The SI11/SI12/SI13/SI14/SI15/SI21/SI22/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-SI13B-SI21B-SI22B-SI31B with the can of SI11A-SI12A-SI13A-SI21A-SI22A-SI31A by pouring can B into can A, or measure **exactly by NET WEIGHT** in a ratio of 9:1 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 a required 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. The surface can simply be maintained with a high pressure washer at 80 bar using our biologically degradable Reactivating Shampoo SHRE.

### Tool cleaning

The individual components, as well as the mixing system of the paint sprayer, can be diluted and cleaned using our THIN Thinner Solvent.

# 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.



## E-Warranty

Guarantee of quality and reliability of NANO-CERAMIC is guaranteed for 10 years if applied to the maximum thickness as indicated on the product page This limited product warranty covers the purchaser for installation in a new building application when installed professionally and supervised by an approved installer. The warranty applies only to newly constructed concrete wall applications, and warrant only against discoloration, peeling, cracking or delaminating. No warranty caused by surface/concrete cracks. All claims caused by cleaning chemicals, other than our SHRE Pure Shine Shampoo will be rejected. The warranty is valid only if registered by one of our approved installers through our Dealership Electronic Warranty registration form on our website.

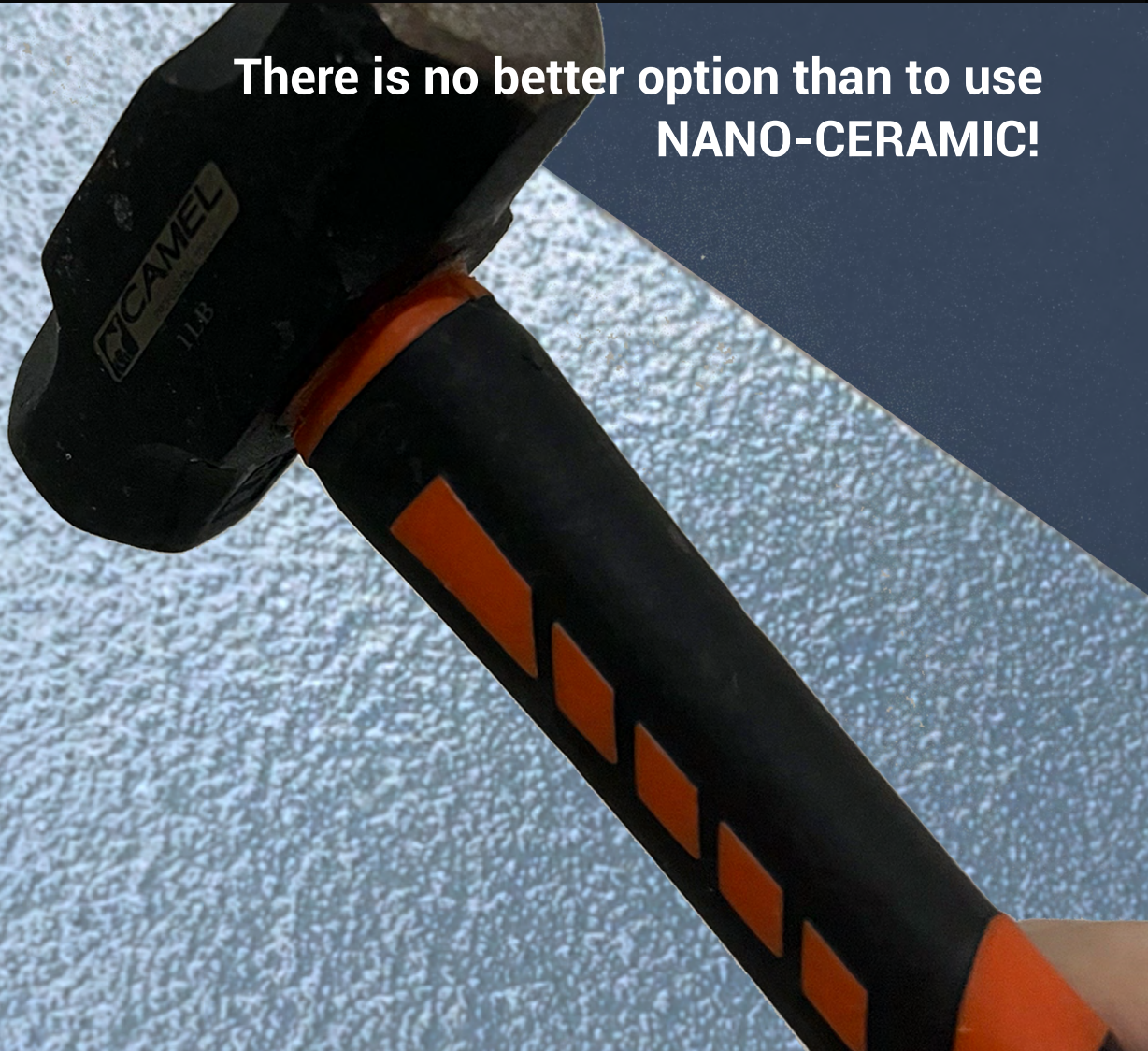


# NANO-CERAMIC®



WWW.NANO-CERAMIC.COM INDUSTRIAL PROTECTIVE COATINGS

**There is no better option than to use  
NANO-CERAMIC!**



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

*Did you know?*

*That our coatings are made  
of pure silica sand, which is  
the most common element  
on Earth?*

**Dealer**