

NANO-CERAMIC®



WWW.NANO-CERAMIC.COM INDUSTRIAL PROTECTIVE 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.

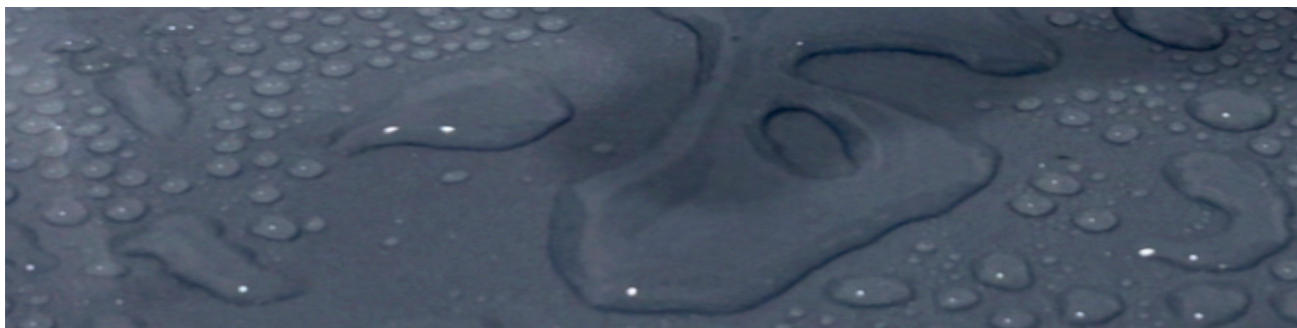
NANO-CERAMIC permanent coating system is 600°F resistant and more than 4 times stronger than traditional acrylic based paint finishes, and is effectively preventing damage that would otherwise affect the appearance and integrity of the original surface.

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%.

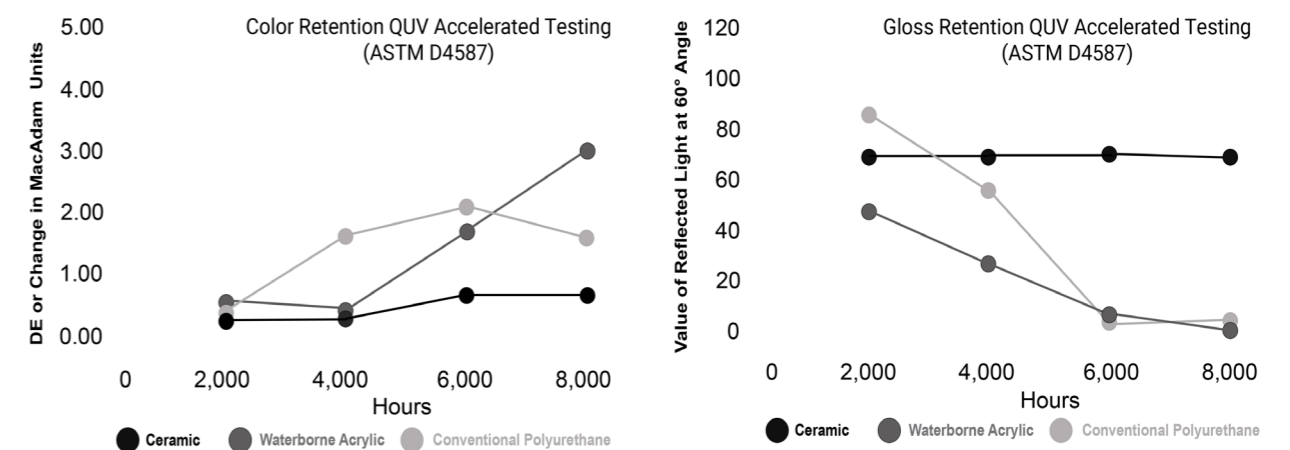
In a new analysis from IPTEK ITS 2023 concerning Drag Reduction, the following conclusions have been obtained. It was found that there was an increase in acceleration due to drag reduction on the ship model treated with a superhydrophobic coating, showing a 31% improvement compared to the non-coated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

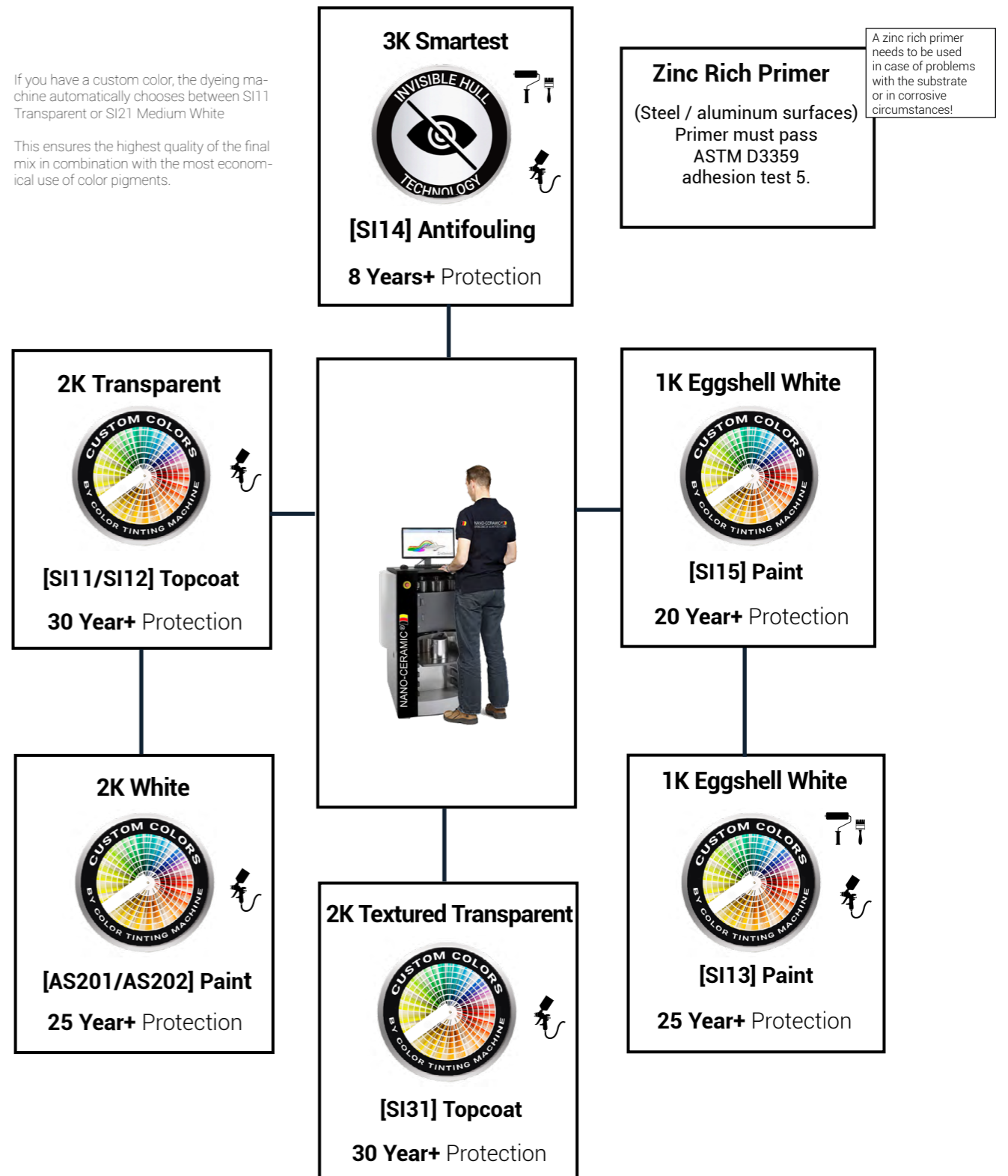
In case written in bold font it means existing shortcomings in quality.

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	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

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)

Ceramic Topcoat Transparent for glossy or matt surfaces

- Article Nr:** : SI112000 67oz / 4.2 lbs Transparent Gloss
: SI122000 67oz / 4.4 lbs Transparent Matte
- Consumption** : 3 layers 0.06lbs/ft² - 0.96oz/ ft² = 3 mil/ 70ft²
- Reachable area** : 2 layers 0.04lbs/ft² - 0.64oz/ ft² = 2 mil/140ft²
: 1 layer 0.02lbs/ft² - 0.32oz/ ft² = 1 mil/210ft²
- Hardness** : H9
- Used on** : Fiberglass, Aluminium, Steel Stone, Marble, Wood, Ceramics, Fiberglass,
- Application area** : Buildings, airports, offshore structures, bridges, tunnels, ships, tanks, vehicles, etc.












How to use: Page 20

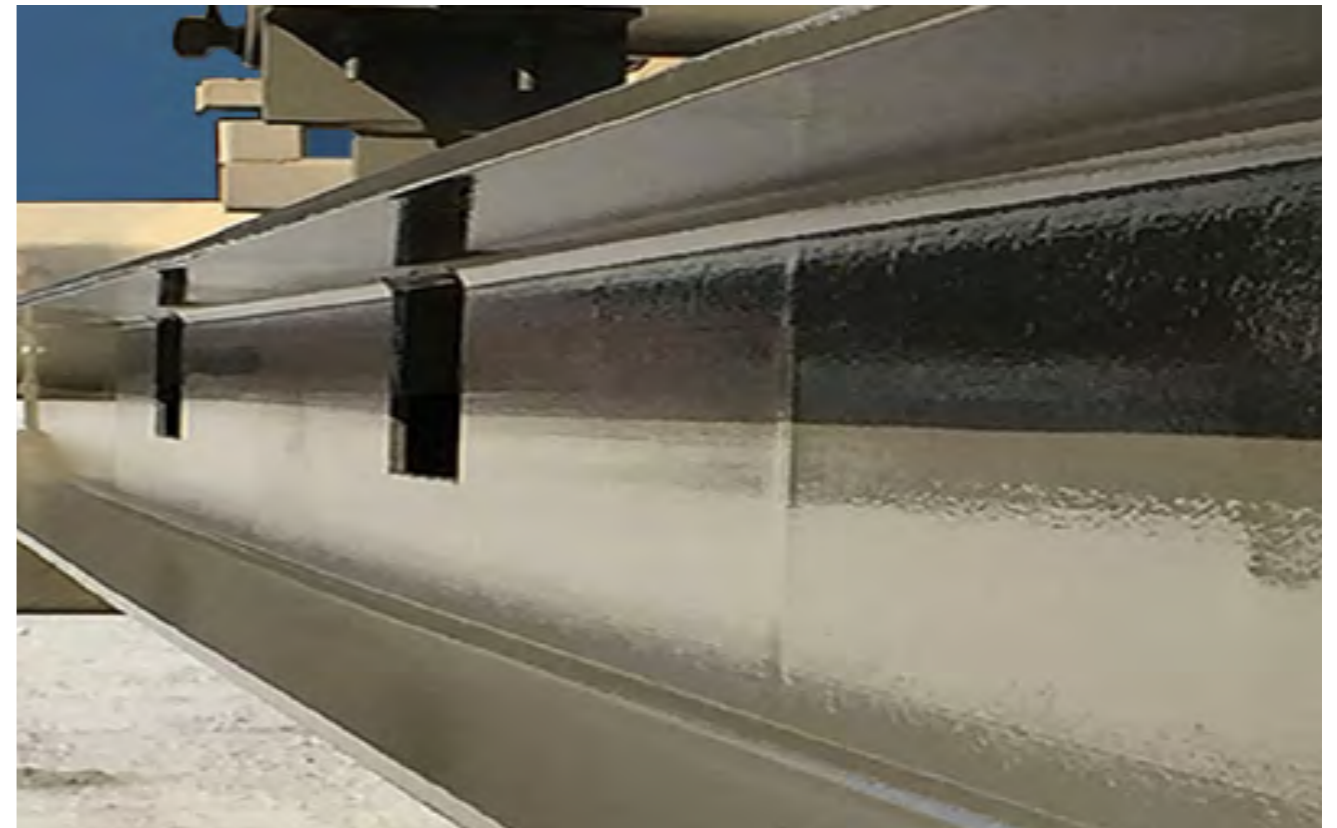
SI11/SI12 is an incredibly strong 2-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- This coating does not absorb any water
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 600°F. suitable for making walls fire retardant and is most best solution to make rooftops waterproof

Expected Life Duration up to 30 years+

-  **Near-permanent**
-  **Anti-corrosion**
-  **Permanent hydrophobic**
-  **Anti-pollution**
-  **Anti-algae**
-  **UV protection**
-  **Self-cleaning Stays cleaner longer**
-  **Impact Resistance 1kg / 2lbs**
-  **Thermal Shock-Resistant**



Permanent Hydrophobic - Self Cleaning



SI21/SI22 2-Component

Ceramic Paint White for glossy and satin surfaces

Article Nr.	: SI212000 67oz / 5.3 lbs : SI222000 67oz / 5.5 lbs
Consumption	: 3 layers 0.044lbs/ft ² - 0.56oz/ ft ² = 3 mil/120ft ²
Reachable area	: 2 layers 0.030lbs/ft ² - 0.37oz/ ft ² = 2 mil/160ft ² : 1 layer 0.014lbs/ft ² - 0.19oz/ ft ² = 1 mil/240ft ²
Hardness	: H8
Used on	: Gelcoat, fiberglass, steel, aluminium, plastics, wood, concrete
Application area	: 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 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 600°F. suitable for making walls fire retardant and is most best solution to make rooftops waterproof and heat reflective.
- Superior alternative for Epoxi flooring or repaints .
- Repaints of ceramic bathroom tiles.
- Zero absorbtion, waterproof.

Expected Life Duration up to 25 years+

-  **Easy to apply**
Repaintable
-  **Cut maintenance costs**
-  **Anti-water spot**
Anti-corrossion
-  **Permanent hydrophobic**
-  **Self-cleaning**
stays cleaner longer
-  **Anti-scratch**
-  **Visibility**
-  **Protects your investment**



Thermal Shock - Impact Resistant



SI31 2-Component (2K)

Textured Transparent Semi Gloss antislip - high impact resistant

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

SI31 is a clear solvent-based ceramic coating, linked with a ceramic activator, available in semi-gloss and includes sprayable nano particles.

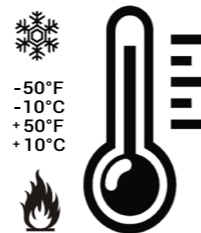
Known for its exceptional durability, this coating easily applies to any organic surface without needing a primer. Its textured design makes it perfect for anti-slip needs.

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

Expected Life Duration up to 30 years+



How to use: Page 20



-  **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
-  **Saves 10-20% on electricity**



Anti Slip - Noise Reduction



SI14 3-Component (3K)

Ceramic Smart Antifouling black/red/blue/grey/Transparent

Product ID	: SI144000 Black SI144000 Red 1gal/ 9.5 lbs : SI144000 Blue SI144000 Grey 1gal/ 9.5 lbs
Consumption	: 2 layers 0.08lbs/ft ² -1.30oz/ft ² = 8 mil/140ft ²
Reachable area	: 1 layers 0.04lbs/ft ² -0.65oz/ft ² = 4 mil/280ft ²
Hardness	: H7
Used for	: Concrete Gelcoat, fiberglass, steel, aluminium, plastics, wood, virtually any surface.
Application area	: Offshore structures, bridges, ships, tanks, land walls



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 600°F

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
-  **Hydrophobic**
Hydrophilic
-  **Self-cleaning**
stays cleaner longer
-  **Save fuel**
-  **Impact Resistance**
2lbs from 32" high
-  **Thermal Shock-**
Resistant



Super Smooth - Saves Fuel



SI13 2-Component (2K)

Ceramic Paint for egg-shell surfaces



Article Nr. : SI132000 67oz / 7.3 lbs White

How to use: Page 20

Consumption : 2 layers 0.050lbs/ft² - 0.48oz/ ft² = 3.5 mil/140ft²

Reachable area : 1 layers 0.025lbs/ft² - 0.24oz/ ft² = 1.8 mil/280ft²

Hardness : H7

Used for : 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, walls, ceilings, indoors, or outdoors

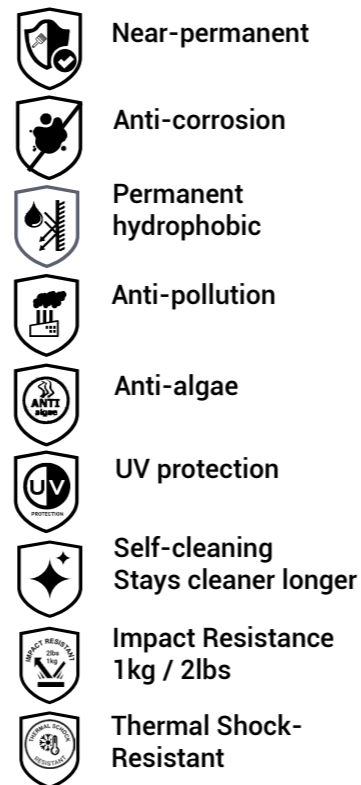
Application area : Buildings, airports, tunnels, hotels, private housing etc.

SI13 is an incredibly strong 2-component eggshell 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 600°F suitable for making walls fire retardant and to make rooftops waterproof

Expected Life Duration up to 25 year+



Near-permanent

Anti-corrosion

Permanent hydrophobic

Anti-pollution

Anti-algae

UV protection

Self-cleaning
Stays cleaner longer

Impact Resistance
1kg / 2lbs

Thermal Shock-Resistant



Passive Cooling - Isolating



SI15

1-Component (1K)

Ceramic Paint White for egg-shell surfaces



Article Nr. : SI152000 67oz / 6.6 lbs White

How to use: Page 20

Consumption : 2 layers 0.048lbs/ft² - 0.48oz/ ft² = 3.5 mil/140ft²

Reachable area : 1 layers 0.024lbs/ft² - 0.24oz/ ft² = 1.8 mil/280ft²

Viscosity : 20

Hardness : H6

Used for : 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, walls, ceilings, indoors, or outdoors

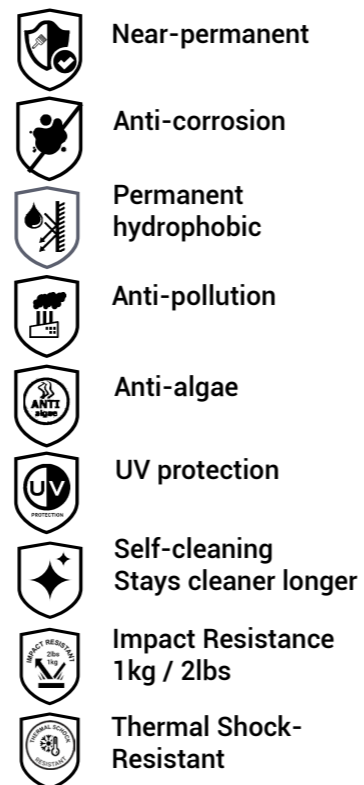
Application area : Buildings, airports, tunnels, hotels, private housing etc.

SI15 is an incredibly strong 1-component eggshell 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 600°F suitable for making walls fire retardant and to make rooftops waterproof

Expected Life Duration up to 20 year+



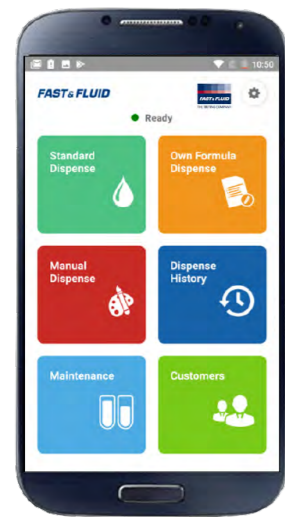
Chemical - Temperature Resistant (300°C)



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

Other colors need minimal 220lbs

Residential

SI13 White Egg-Shell (Flat Finish) 15/25 (20/60")	SI41 Textured White Semi Gloss 41/69 (20/60")
SI15 White Egg Shell (Flat Finish) 18/28 (20/60")	SI42 Textured White Matte 11/21 (20/60")
SI21 White Gloss 49/77 (20/60")	
SI22 White Satin 33/59 (20/60")	

Original, Cool white, Cream white, Grey white, Signal white, Signal black, Jet black, White aluminium, Grey aluminium, Pure white, Graphite black, Traffic white

RAL 9018 Papyrus white, RAL 9001, RAL 9002, RAL 9003, RAL 9004, RAL 9005, RAL 9006, RAL 9007, RAL 9010, RAL 9011, RAL 9016

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 6007 Pastel blue, RAL 4009 Pastell violet, RAL 6027 Light green, RAL 7000 Squirrel grey, RAL 1036 Pearl gold, RAL 8029 Pearl copper, RAL 4012 Pearl blackberry, RAL 6025 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, Lumious yellow, Traffic red, Jet black, Golden yellow [Cat], Leaf green [J.D Deere], Light grey, Dark grey, Silver grey, Signal brown, Pale brown

RAL 1026, RAL 3020, RAL 9005, RAL 1004, RAL 6002, RAL 7035, RAL 7011, RAL 7003, RAL 8002, RAL 8025

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, Pure white, Cream white, Distant blue, Traffic yellow, Silver gray, Light Ivory, Pure white, Cream, Beige, Olive yellow

RAL 9010, RAL 9001, RAL 9023, RAL 1023, RAL 7001, RAL 1015, RAL 9016, RAL 9001, RAL 1001, RAL 1020

Military

SI31 Textured Transparent Semi Gloss 41/69 (20/60")
SI33 Textured Black Semi Gloss 41/69 (20/60")

Original, Transparent matte, Blue grey, Jet black, NATO green, Graphite grey, Desert sand, Camo beige, Dark grey camo, Dark brown camo, Olive drap, Very dark drap

RAL 3000 Fire red, RAL 3004 Burgundy, RAL 7036 Platinum, RAL 9005 Jet black, RAL 6005 NATO green, RAL 7024, RAL 1015, RAL 9000, RAL 9012, RAL 9002, RAL 9013, RAL 5005, RAL 5009

Antifouling

SI14 Color 3141 (20/60")

Transparent, Jet Black, Signal Red, Ultra marine blue, Signal Grey

RAL 9005, RAL 3001, RAL 9002, RAL 7004



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/ft ² - 0.7oz/ft ² 80 micron = 50ft ²
Reachable area	: 1 layer +/- 0.26 lbs/ft ² - 0.4oz/ft ² 40 micron = 100ft ²
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 140°F.



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/ft ² - 0.7oz/ft ² 60 micron = 60ft ²
Reachable area	: 1 layer +/- 0.22 lbs/ft ² - 0.4oz/ft ² 30 micron = 120ft ²
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 140°F.



Fast Repaintable



Excellent adhesion



VOC Free



SIX3

2-Component (2K)

Primer PU Wood Filler

surface modifier - absorption reducer

Article Nr.	: SIX31500 51oz / 3.3 lbs
Consumption	: 2 layers +/- 0.40 lbs/ft ² - 0.6oz/ft ² 60 micron = 80ft ²
Reachable area	: 1 layer +/- 0.20 lbs/ft ² - 0.3oz/ft ² 30 micron = 120ft ²
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
Consumption	: 2 layers +/- 0.53 lbs/ft ² - 0.7oz/ft ² 80 micron = 50ft ²
Reachable area	: 1 layer +/- 0.26 lbs/ft ² - 0.4oz/ft ² 40 micron = 100ft ²
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

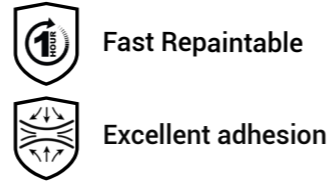


SIX5 2-Component (2K)

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



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

NANO-CERAMIC®
WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS

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.

Content: 2K Primer, 2K Topcoat
Address: Quindici, Italy
Phone: +39 051 921 9000
Web: WWW.NANO-CERAMIC.COM

Warnings: 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.

Options: GLOSS, TRANSPARENT / COLORABLE, TRANSPARENT

Video Application & (Test) Results

SGS
SYSTEM CERTIFICATION
CERTIFICATION DE SYSTEMES
1006 ISO

SGS TEST REPORTS SCAN QR-CODE

TECHNICAL VIDEO SCAN QR-CODE

TEST REPORT EN 1504-2 SCAN QR-CODE

TDS NANO-CERAMIC®
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SDS NANO-CERAMIC®
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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.



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/SI41/SI42 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.

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.




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!**

*Did you know that our
Permanent Coating System
repels water and dirt and
lasts 25 Years+ ?*

Dealer