

NANO-CERAMIC®

WWW.NANO-CERAMIC.COM INDUSTRIAL PROTECTIVE COATINGS



10 **YEAR**
WARRANTY

Technical **Permanent Coating System**

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.

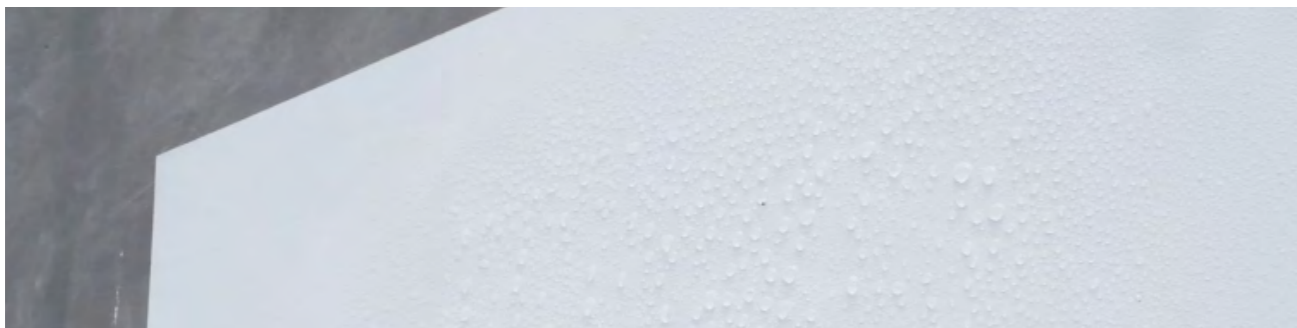
NANO-CERAMIC permanent coating system is 600°F resistant and more than 4 times stronger than traditional acrylic based paint finishes, and is effectively preventing damage that would otherwise affect the appearance and integrity of the original surface.

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 mentioned in our separate test report.

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.

Cities are getting hotter today by climate change.

Can NANO-CERAMIC Permanent Coating System cool down your house??

NANO-CERAMIC revolutionary Coolest White Paint has superb reflective properties of about 80% of the sun rays.

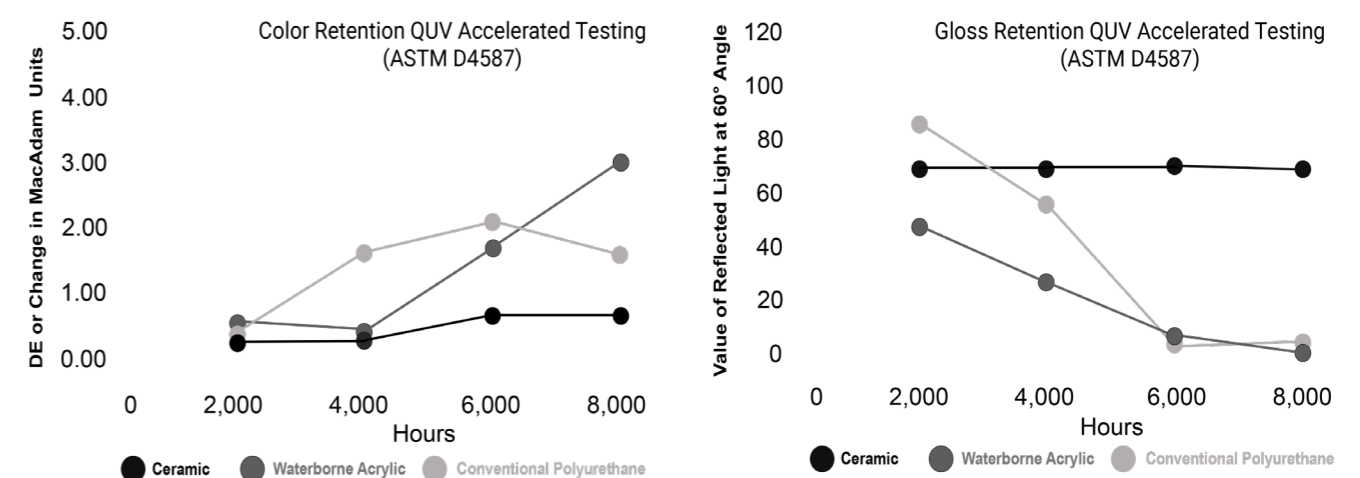
Our Coolest White Paint shields your house by blocking sunlight (passive cooling by +/- 42°F), which effectively can reduce annual electricity cost and greenhouse gases.

Our high tech reflective Coolest White Paint cools down the heat which means less air-conditioning. NANO-CERAMIC Coolest White Paint has an extremely high TSR value (Total Solar Reflectance) of 88%.

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+

10 High Tech Coatings and Paints for All Paint Jobs



Topcoat Transparent
for glossy surfaces
SI112000 (2K) 30 Years+
67oz / 4.2 lbs Page 6



Topcoat Transparent
for matte surfaces
SI122000 (2K) 30 Years+
67oz / 4.4 lbs Page 8



Topcoat Textured Transparent
for semi gloss surfaces
SI132000 (2K) 30 Years+
67oz / 4.4 lbs Page 10



Paint Coolest White
for egg-shell surfaces
SI132000 (2K) 25 Years+
67oz / 7.3 lbs Page 12



Paint Coolest White
for egg-shell surfaces
SI152000 (1K) 20 Years+
67 / 6.6 lbs Page 14



The Smartest Antifouling
Transparent colorable
SI144000 (3K) 8 Year+ (repaintable)
1gal / 9.5 lbs Marine Brochure



Paint Strongest White
for glossy surfaces
SI212000 (2K) 30 Years+
67oz / 5.3 lbs Page 16



Paint Strongest White
for satin surfaces
SI222000 (2K) 30 Years+
67oz / 5.5 lbs Page 18



Paint Textured White
for semi glossy surfaces
SI412000 (2K) 30 Years+
67oz / 5.3 lbs Page 20



Paint Textured White
for matte surfaces
SI422000 (2K) 30 Years+
67oz / 5.5 lbs Page 22

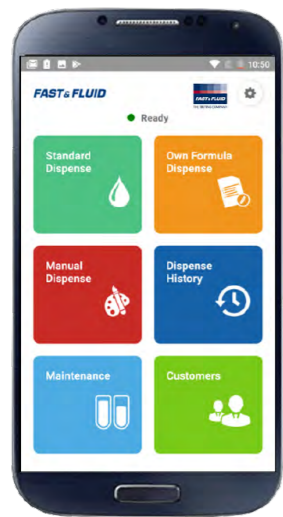


The Smartest Antifouling
black/red/blue/grey
SI144000 (3K) 8 Year+ (repaintable)
1gal / 9.5 lbs Marine Brochure

Color mixing has never been so easy!!!

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

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



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

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

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



X-SMART Stabilizer plates



16 High Grade Coloring chemicals



Titanium White
Masstone
Tint
844-0061 1.05gal



Quinacridone Red
Masstone
Tint
844-0451 32oz



Scarlet Red
Masstone
Tint
844-0526 32oz



Lead Free Orange
Masstone
Tint
844-0982 32oz



Trans Red Oxide
Masstone
Tint
844-1054 32oz



Red Oxide
Masstone
Tint
844-1063 32oz



Burnt Umber
Masstone
Tint
844-1352 32oz



Trans Yellow Oxide
Masstone
Tint
844-1852 32oz



Yellow Oxide
Masstone
Tint
844-1863 32oz



Lead Free Med Yellow
Masstone
Tint
844-2555 32oz



Yellow
Masstone
Tint
844-2826 32oz



Organic Yellow
Masstone
Tint
844-2852 32oz



PHTHALO Green
Masstone
Tint
844-5558 32oz



Quinacridone Violet
Masstone
Tint
844-9451 32oz



Lamp Black
Masstone
Tint
844-9955 32oz



PHTHALO BLUE
Masstone
Tint
844-7262 32oz

Color card

Residential

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

Original	RAL 9018	RAL 3015
Cool white	Papyrus white	Light pink
RAL 9001	RAL 9022	RAL 6007
Cream white	Pearl light grey	Pastel blue
RAL 9002	RAL 9023	RAL 4009
Grey white	Pearl dark grey	Pastell violet
RAL 9003	RAL 1000	RAL 6027
Signal white	Green beige	Light green
RAL 9004	RAL 1001	RAL 7000
Signal black	Beige	Squirrel grey
RAL 9005	RAL 1002	RAL 1036
Jet black	Sand yellow	Pearl gold
RAL 9006	RAL 1011	RAL 8029
White aluminium	Brownbeige	Pearl copper
RAL 9007	RAL 1013	RAL 4012
Grey aluminium	Pearl white	Pearl blackberry
RAL 9010	RAL 1014	RAL 6025
Pure white	Ivory	Pearl gentian blue
RAL 9011	RAL 1015	RAL 6036
Graphite black	Light ivory	Pearl opal green
RAL 9016	RAL 9017	RAL 8016
Traffic white	Traffic black	Mahogany braun

Wood

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

SI11 Transparent

SI11 Light

SI11 Nut

SI11 Colonial

Industrial

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

Transparent

Lumious yellow

Traffic red

Jet black

Golden yellow [Cat]

Leaf green [J.D Deere]

Light grey

Dark grey

Silver grey

Signal brown

Pale brown

Other colors need minimal 220lbs

Marine

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

Original

Cool white

Pure white

Cream white

Distant blue

Traffic yellow

Silver gray

Light ivory

Pure white

Cream

Beige

Olive yellow

RAL 3000

Fire red

Burgundy

Platinum

Jet Black

Turquoise bleu

Light green

Violet blue

Ultramarine blue

Sapphire blue

Signal blue

Military

Transparent matte

Blue grey

Jet black

NATO green

Graphite grey

Desert sand

Dark grey camo

Dark brown camo

Olive drap

Very dark drap

Light stone

Bronze green

Brunswick green

Dark sea grey

[RAF] Blue grey

Camo beige

Dark grey camo

Dark brown camo

Olive drap

Antifouling

SI14 Color 3141 (20/60°)

Transparent

Jet Black

Signal Red

Ultra marine blue

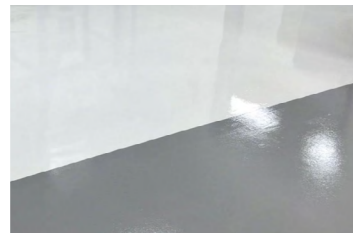
Signal Grey

Application examples

Protect every surface for decades to come



WATERPROOFING



SUBSTITUTE EPOXY



NON-SLIP



HEAT REJECTION



EXTERIORS



ANTIFOULING



TOPCOAT RENEWAL



CERAMIC RENEWAL



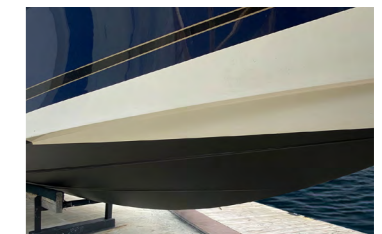
NON-SLIP



NON SLIP



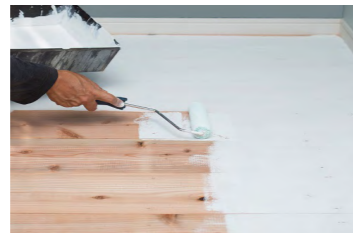
INTERIORS



YACHTS



GRANITE



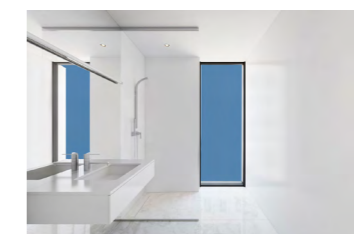
WOOD



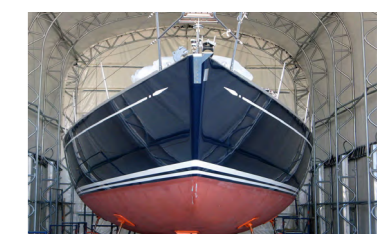
STEEL PLATES



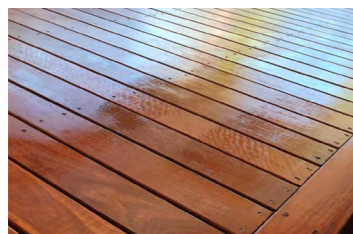
ISOLATION



BATHROOMS



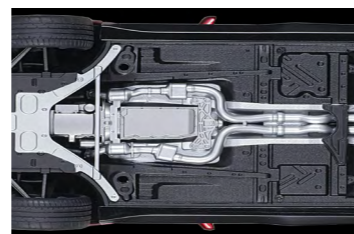
SAILING BOATS



WOOD



POOLS



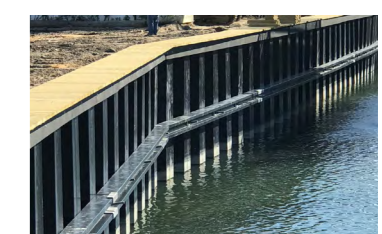
UNDERCOATING



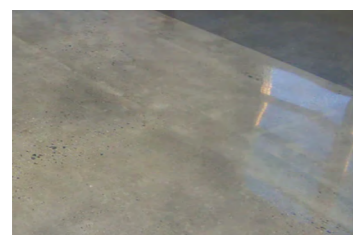
SHIELD EMI-RF



HALL WAYS



SLUICE WALLS



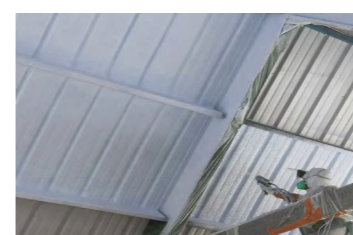
CONCRETE



BASEMENTS



ANTI CORROSION



ISOLATION



INFRASTRUCTURE



SLUICE DOORS

SI11

2-Component (2K)

Topcoat Transparent for glossy surfaces

Article Nr. : SI112000 67oz / 4.2 lbs Transparent Gloss

Consumption : 3 layers 0.06 lbs/ft² - 0.96oz/ ft² = 3 mil/ 70ft²

Reachable area : 2 layers 0.04 lbs/ft² - 0.64oz/ ft² = 2 mil/140ft²

: 1 layer 0.02 lbs/ft² - 0.32oz/ ft² = 1 mil/210ft²

Hardness : H9

Used on : Fiberglass, Aluminium, Steel Stone, Marble, Wood, Ceramics, Fiberglass, etc

Application area : Buildings, airports, offshore structures, bridges, tunnels, swimmingpool, stairs, hotels, floors, private housing, etc

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 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

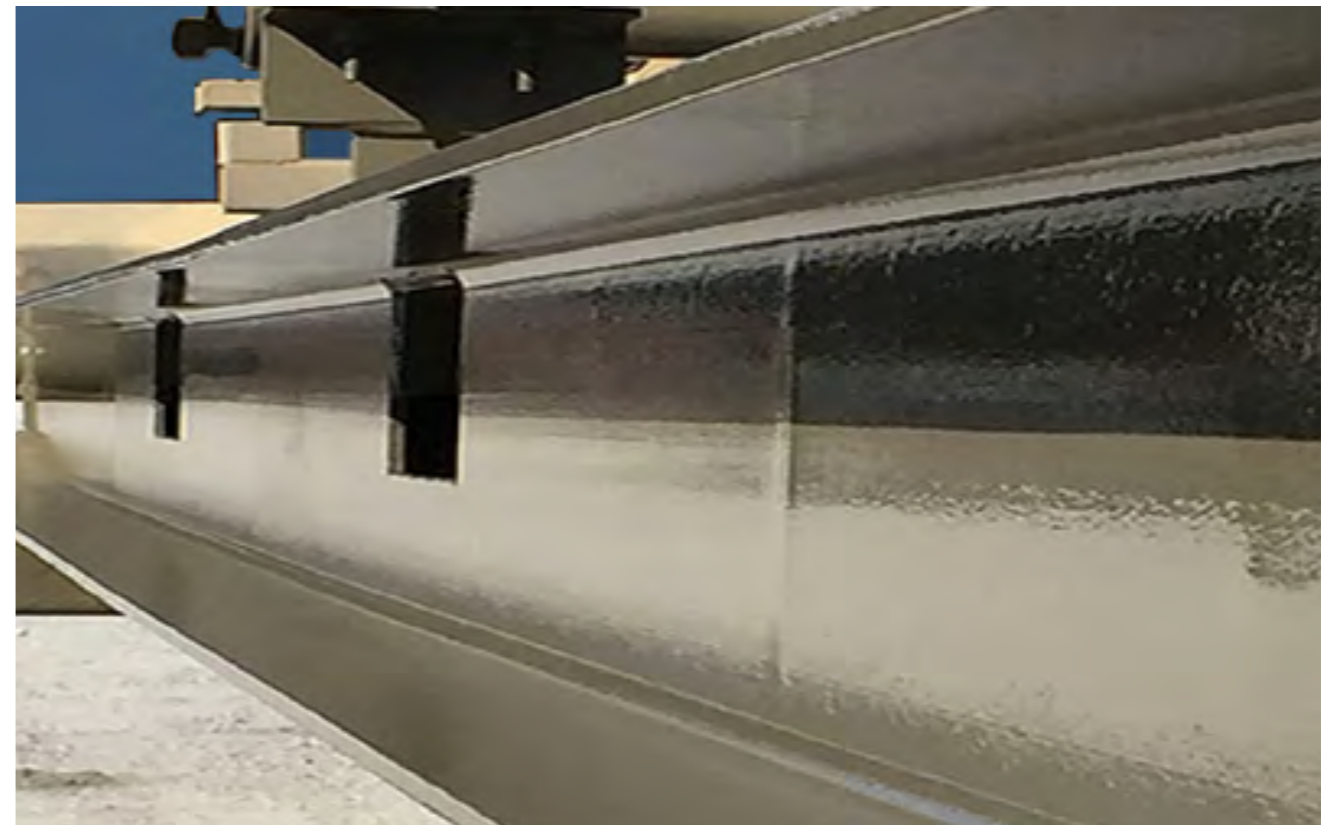
Expected Life Duration up to 30 years+



How to use: Page 32



Super Strong - Anti-Corrosion



SI12

2-Component (2K)

Topcoat Transparent for matte surfaces

Article Nr. : SI120000 67oz / 4.4 lbs Transparent Matte

Consumption : 3 layers 0.06 lbs/ft² - 0.96oz/ ft² = 3 mil/ 70ft²

Reachable area : 2 layers 0.04 lbs/ft² - 0.64oz/ ft² = 2 mil/140ft²

: 1 layer 0.02 lbs/ft² - 0.32oz/ ft² = 1 mil/210ft²

Hardness : H9

Used on : Fiberglass, Aluminium, Steel Stone, Marble, Wood, Ceramics, Fiberglass, etc

Application area : Buildings, airports, offshore structures, bridges, tunnels, swimmingpool, stairs, hotels, floors, private housing, etc



How to use: Page 32

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
- Superior alternative for wood varnish.

Expected Life Duration up to 30 years+



Super Strong - Self Cleaning



SI31

2-Component (2K)

Topcoat Textured Transparent for semi gloss surfaces

Article Nr. : SI312000 67oz / 4.6 lbs Transparent Gloss

Consumption : 3 layers 0.050 lbs/ft² - 0.76oz/ ft² = 3 mil/ 90ft²

Reachable area : 2 layers 0.033 lbs/ft² - 0.51oz/ ft² = 2 mil/180ft²

: 1 layer 0.017 lbs/ft² - 0.25oz/ ft² = 1 mil/270ft²

Hardness : H9

Used on : Fiberglass, Aluminium, Steel, Concrete, Stone,
Marble, Wood, Ceramics

Application area : Buildings, airports, offshore structures, bridges,
tunnels, swimmingpool, stairs, hotels, floors,
private housing, etc.

SI31 is an incredibly strong 2-component nano particle textured coating with which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

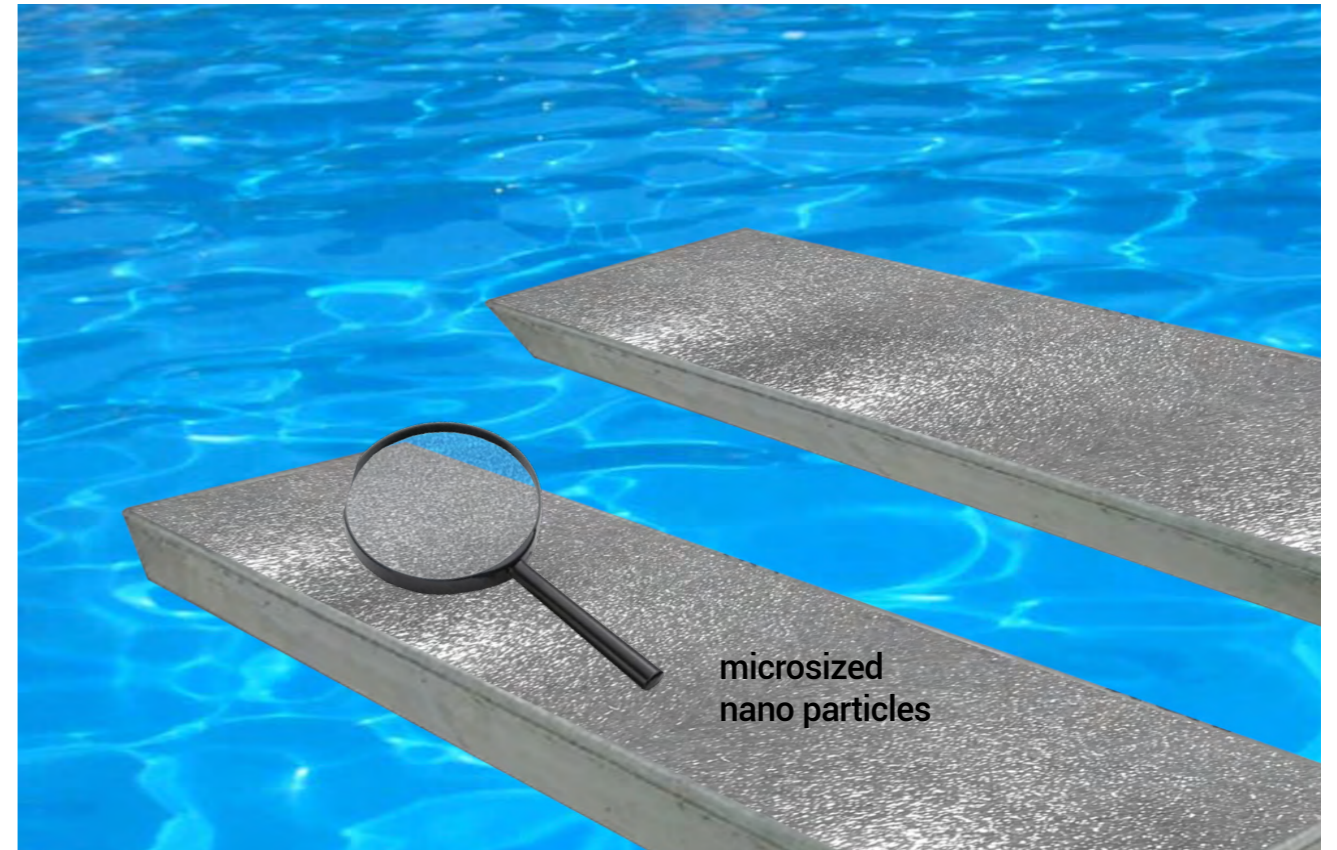
Three simple steps: Clean, Dry, and Apply.

- 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
- Super for stairs and slippery places indoor or outdoor
- Waterproofing from swimmingpools dll.

Expected Life Duration up to 30 years+














How to use: Page 32



Super Strong - Non-Slip



-  Non-Slip
-  Near-permanent
-  Anti-corrosion
-  Permanent hydrophobic
-  Anti-pollution
-  Anti-algae
-  UV protection
-  Self-cleaning
Stays cleaner longer
-  Impact Resistance
3ft / 2lbs
-  Thermal Shock-Resistant
-  Protects your investment

SI21

2-Component (2K)

Paint Strongest White for glossy surfaces

Article Nr. : SI212000 67oz / 5.3 lbs

Consumption : 3 layers 0.044 lbs/ft² - 0.56oz/ ft² = 3 mil/120ft²

Reachable area : 2 layers 0.030 lbs/ft² - 0.37oz/ ft² = 2 mil/160ft²

: 1 layer 0.014 lbs/ft² - 0.19oz/ ft² = 1 mil/240ft²

Hardness : H8

Used on : Gelcoat, fiberglass, steel, aluminium, plastics, wood, concrete , etc

Application area : Buildings, airports, offshore structures, bridges, tunnels, swimmingpool, stairs, hotels, floors, private housing, etc

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 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 epoxy flooring or repaints .
- Repaints of ceramic bathroom tiles.
- Zero absorbtion, waterproof.

Expected Life Duration up to 30 years+



How to use: Page 32



Anti-Scratch - Repaint Epoxy



SI22

2-Component (2K)

Paint Strongest White for satin surfaces

Article Nr. : SI220000 67oz / 5.5 lbs

Consumption : 3 layers 0.044 lbs/ft² - 0.56oz/ ft² = 3 mil/120ft²

Reachable area : 2 layers 0.030 lbs/ft² - 0.37oz/ ft² = 2 mil/160ft²

: 1 layer 0.014 lbs/ft² - 0.19oz/ ft² = 1 mil/240ft²

Hardness : H8

Used on : Gelcoat, fiberglass, steel, aluminium, plastics, wood, concrete, etc

Application area : Buildings, airports, offshore structures, bridges, tunnels, swimmingpool, stairs, hotels, floors, private housing, etc

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 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
- Superior alternative for epoxy flooring, parking basements
- Repaints of ceramic bathroom tiles.
- Zero absorption, waterproof.

Expected Life Duration up to 30 years+



How to use: Page 32



Superb adhesion - Repaint Epoxy



SI13

2-Component (2K)

Paint Coolest White for egg-shell surfaces

Article Nr. : SI132000 67oz / 7.3 lbs White

Consumption : 2 layers 0.06 lbs/ft² - 0.58oz/ ft² = 3.5 mil/120ft²

Reachable area : 1 layers 0.03 lbs/ft² - 0.29oz/ ft² = 1.8 mil/240ft²

Hardness : H7

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

Application area : Buildings, airports, 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.

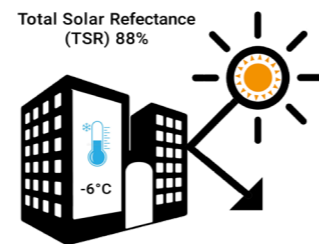
Three simple steps: Clean, Dry, and Apply.

- 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 600°F suitable for making walls fire retardant.

Expected Life Duration up to 25 years+



How to use: Page 32



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



Passive Cooling - Reflective



SI15

1-Component (1K)

Paint Coolest White for egg-shell surfaces

Article Nr. : SI152000 67oz / 6.6 lbs White

Consumption : 2 layers 0.054lbs/ft² - 0.48oz/ ft² = 3.5 mil/120ft²

Reachable area : 1 layers 0.027lbs/ft² - 0.24oz/ ft² = 1.8 mil/240ft²

Viscosity : 20

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, indoors, or outdoors

Application area : Buildings, 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.

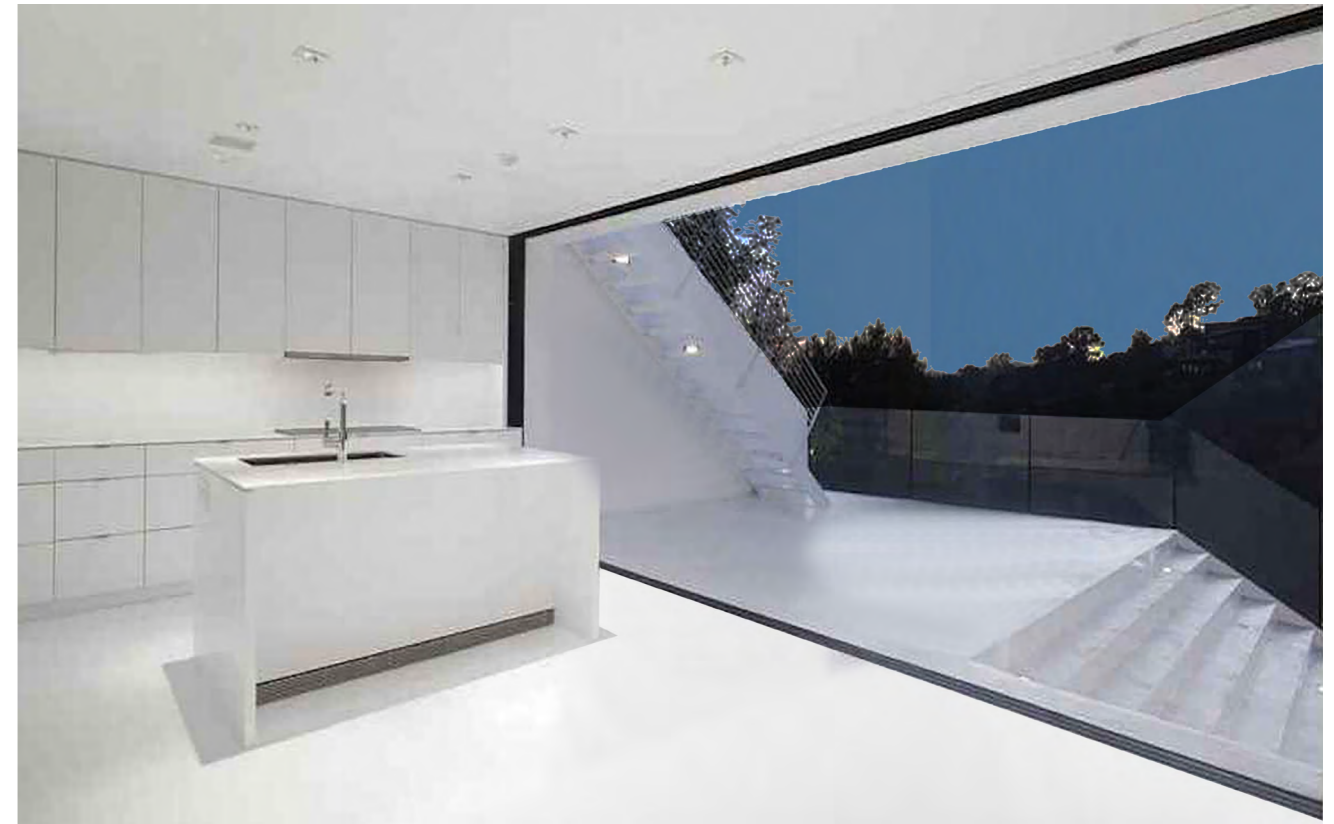
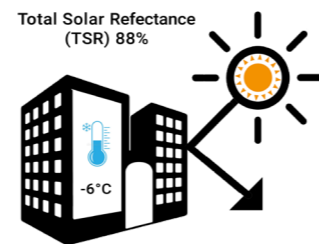
Three simple steps: Clean, Dry, and Apply.

- 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 600°F suitable for making walls fire retardant.

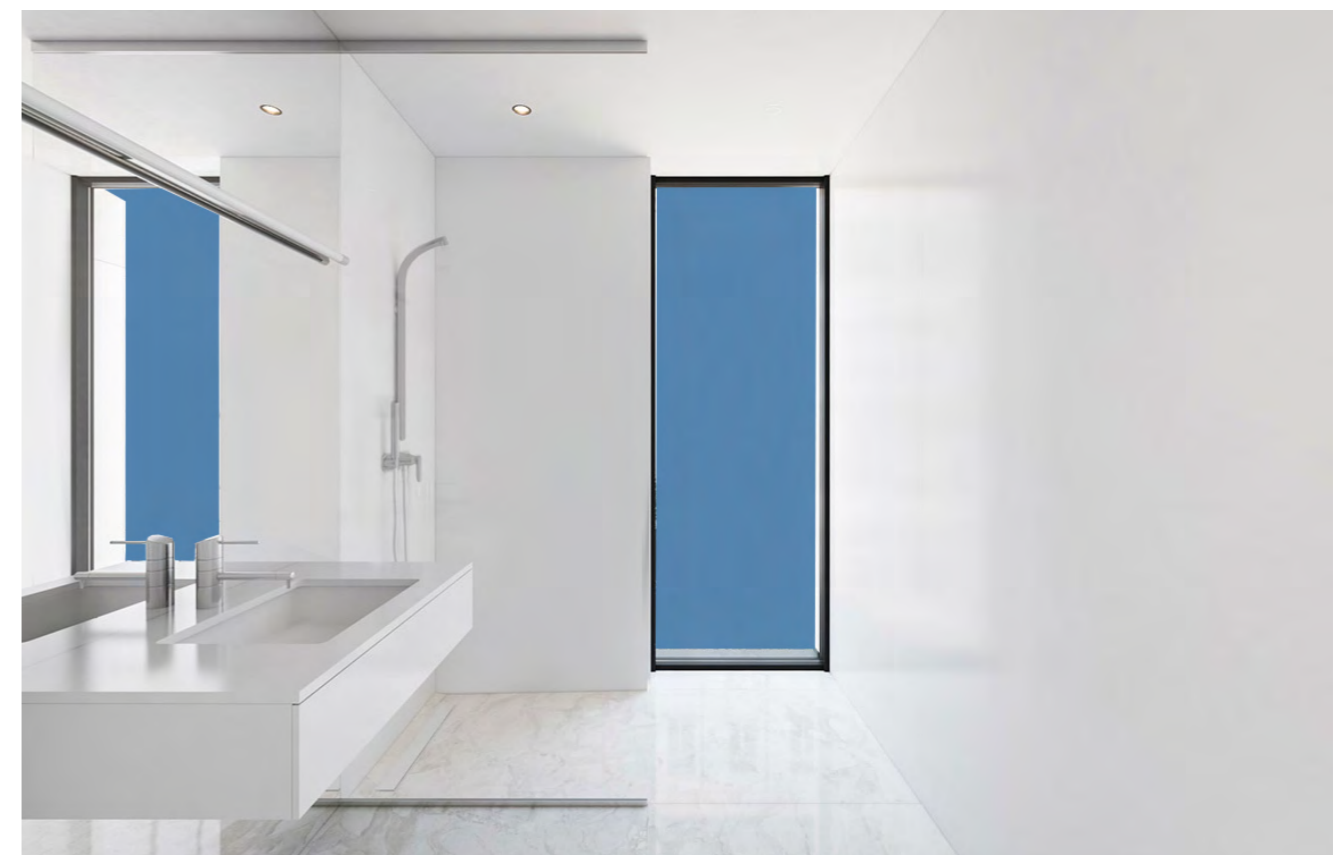
Expected Life Duration up to 20 year+



How to use: Page 32



Chemical + Temperature Resistant (600°F)



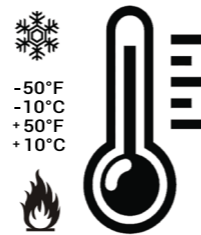
SI41 2-Component (2K)

Paint Textured White for semi gloss surfaces



How to use: Page 32

- Article Nr.** : SI412000 67oz / 5.3 lbs
- Consumption** : 3 layers 0.049 lbs/ft² - 0.68oz/ ft² = 4.2 mil/120ft²
- Reachable area** : 2 layers 0.033 lbs/ft² - 0.46oz/ ft² = 2.8 mil/160ft²
- : 1 layer 0.016 lbs/ft² - 0.22oz/ ft² = 1.4 mil/240ft²
- Hardness** : H9
- Used on** : Concrete Gelcoat, fiberglass, steel, aluminium, plastics, wood, radiator pipes, virtually any surface.
- Application area** : Buildings, marine, airports, offshore structures, bridges, tunnels, hotels, floors private housing, etc.



SI41 is an armored super strong textured 2-component thermal insulation paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface. Shields against heat cold and reduces EMI-RF Interference.

Three simple steps: Clean, Dry, and Apply.

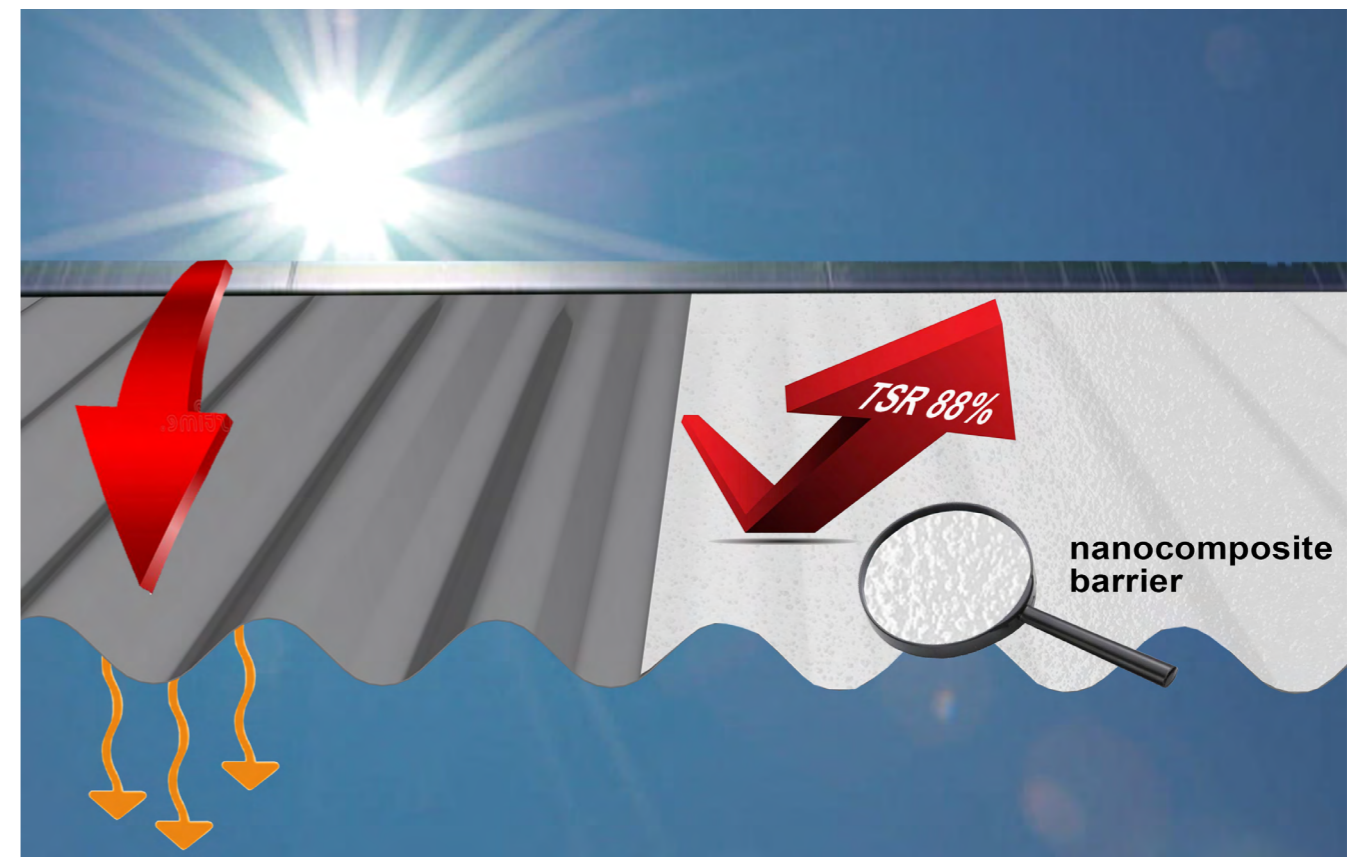
- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand 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 30 years+

- Easy to apply Repaintable**
- Cut maintenance costs**
- Anti-water spot Anti-corrosion**
- Permanent hydrophobic**
- Self-cleaning stays cleaner longer**
- Anti-scratch**
- Takes care your health**
- Protects your investment**
- Saves 10-20% on electriqy**



Cool Down or Insulate - Armored



SI42 2-Component (2K)

Paint Textured White for matte surfaces



Article Nr. : SI422000 67oz / 5.5 lbs

How to use: Page 32

Consumption : 3 layers 0.049 lbs/ft² - 0.68oz/ ft² = 4.2 mil/120ft²

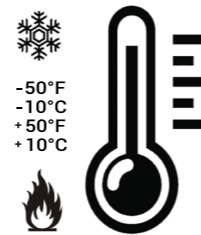
Reachable area : 2 layers 0.033 lbs/ft² - 0.46oz/ ft² = 2.8 mil/160ft²

: 1 layer 0.016 lbs/ft² - 0.22oz/ ft² = 1.4 mil/240ft²

Hardness : H9

Used on : Concrete Gelcoat, fiberglass, steel, aluminium, plastics, wood, radiator pipes, virtually any surface.

Application area : Buildings, marine, airports, offshore structures, bridges, tunnels, hotels, floors private housing, etc.



SI42 is an armored super strong nano particle textured 2-component thermal insulation paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface. Shields against heat cold and reduces EMI-RF Interference.

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 Epoxy flooring or repaints .
- Repaints of ceramic bathroom tiles or plastics
- Zero absorbtion, waterproof.

Expected Life Duration up to 30 years+

-  **Easy to apply**
Repaintable
-  **Cut maintenance costs**
-  **Anti-water spot**
Anti-corrosion
-  **Permanent hydrophobic**
-  **Self-cleaning**
stays cleaner longer
-  **Anti-scratch**
-  **Takes care**
your health
-  **Protects your**
investment
-  **Saves 10-20% on**
electricity



Shields Noise and EMI-RF interference



SIX1

2-Component (2K)

Primer Micro Zinc Grey

surface modifier

Article Nr. : SIX11000 32oz / 4 lbs

Consumption : 2 layers 0.030lbs/ft² - 0.37oz/ ft² = 2 mil/160ft²

Reachable area : 1 layer 0.014lbs/ft² - 0.19oz/ ft² = 1 mil/240ft²

Hardness : H7

Used on : Steel, Aluminium and other organic surfaces

Application area : Buildings, marine, airports, offshore structures, bridges

SIX1 is a solvent based micro zinc primer. This primer is used for corrosion protection on stainless, galvanized, carbon and alloy steel, aluminum in corrosive conditions and has excellent adhesion to all organic substrates and to one 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



Micro Zinc & Wood Grain Filler

SIX2

1-Component (1K)

Primer Wood Grain Filler

surface modifier - absorption reducer

Article Nr. : SIX21000 32oz / 3.5 lbs

Consumption : 2 layers 0.04lbs/ft² - 0.64oz/ ft² = 2 mil/140ft²

Reachable area : 1 layer 0.02lbs/ft² - 0.32oz/ ft² = 1 mil/210ft²

Hardness : H4

Used on : Wood

Application area : Buildings, marine, airports, bridges

SIX2 is a waterborn wood grain filler. This primer is used as surface modification 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%.



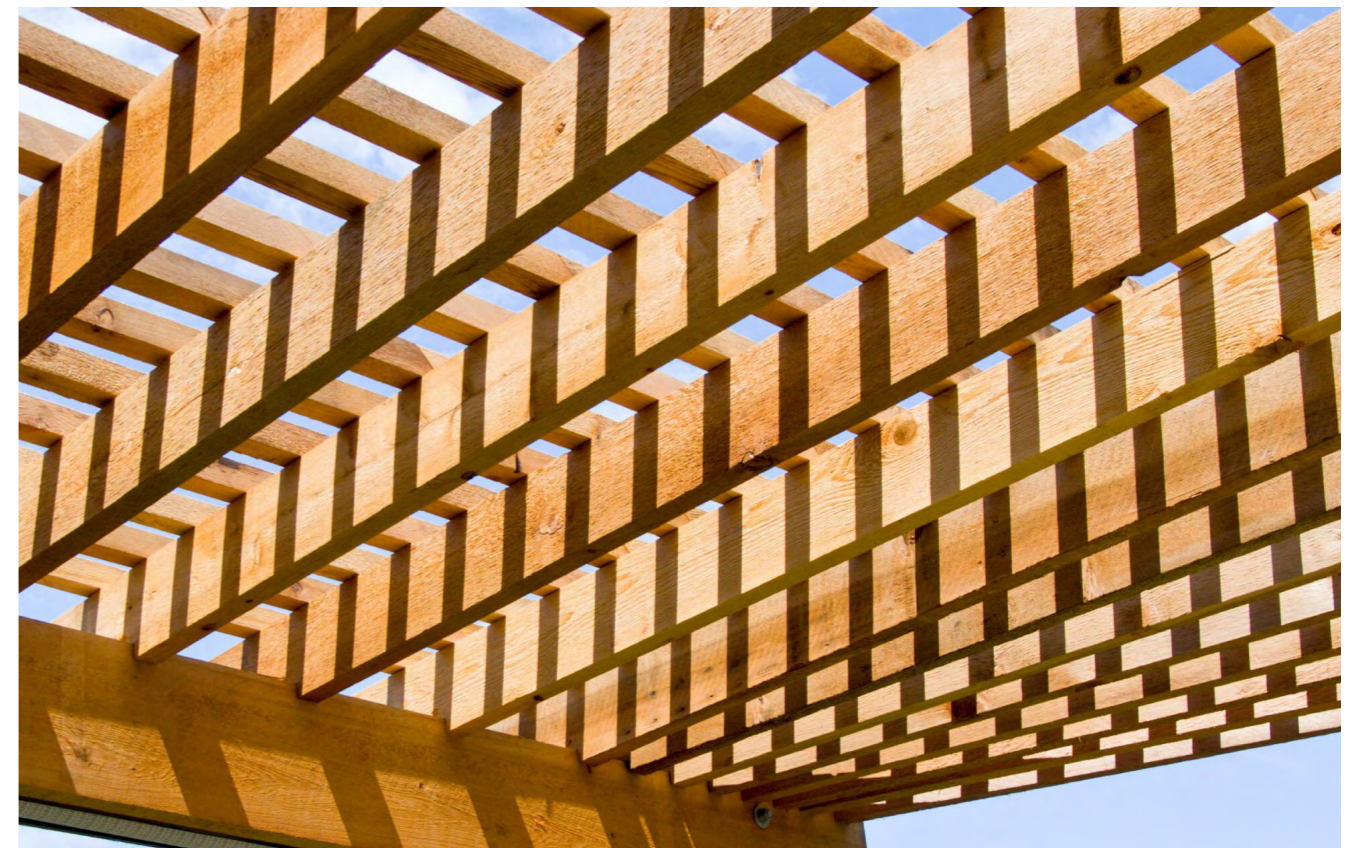
Fast Repaintable



Excellent adhesion



VOC Free



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/SI15/SI21/SI22/SI31/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. In corrosive conditions, or in case there are problems with the substrate to be expected, a zinc-rich primer should be applied, especially on steel and aluminum substrates. The zinc-rich primer should pass the ASTM D3359 adhesion test.5 **Warning the surface must be completely dry before application and must stay dry for 6 hours after application!**

The 2-Component Permanent Coating System

Mix the can SI11B-SI12 B-SI31 B with the can of SI11 A-SI12 A-SI31 A by pouring can B into can A, or measure exactly by net weight in a ratio of 9:1 and mix very well. Mix the can SI21B-SI22 B-SI41B-SI42 B with the can of SI21A-SI22 A-SI41A-SI42 A by pouring can B into can A, or measure exactly by net weight in a ratio of 9:1 and mix very well. Mix the can of SI13B with the can of SI13A by pouring can B into can A, or measure exactly by net weight in a ratio of 9:1 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 14oz / 0.8 lbs

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



RETA/ACCL

 Retarder Accelerator

slow down flash time or speed up curing

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

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

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



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.

Sample Kits, Test, Touch and Feel

Sales Demo Kit
 Coated Substrates
 SI110500 (2K)
 SI150500 (1K)
 2x500ml



DEMOKIT

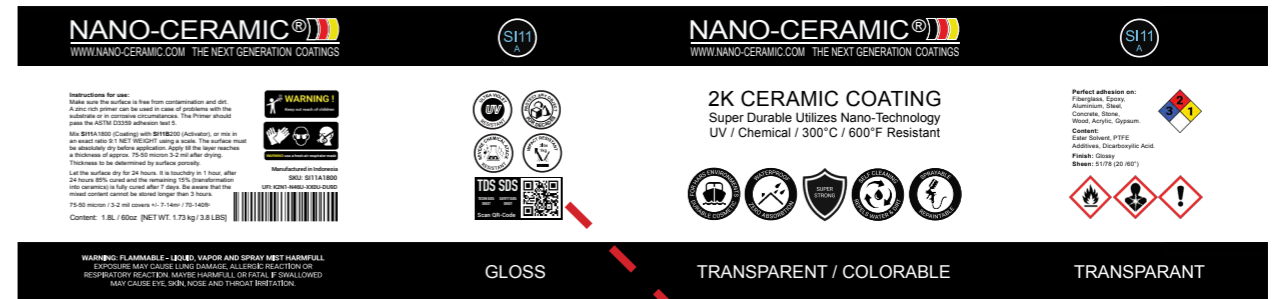
Substrate Kit
 16 different coating and paints



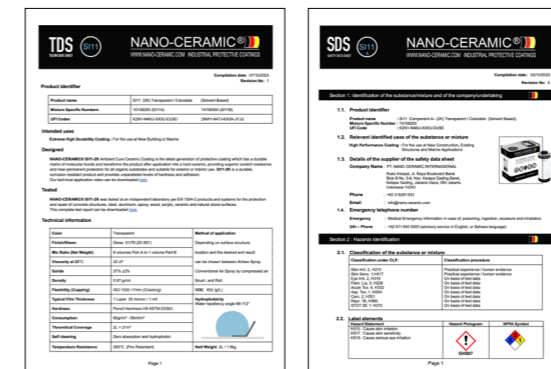
DEMOSKIT

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

Scan QR Code for TDS and SDS



GLOSS TRANSPARENT / COLORABLE TRANSPARENT



Video Application & (Test) Results

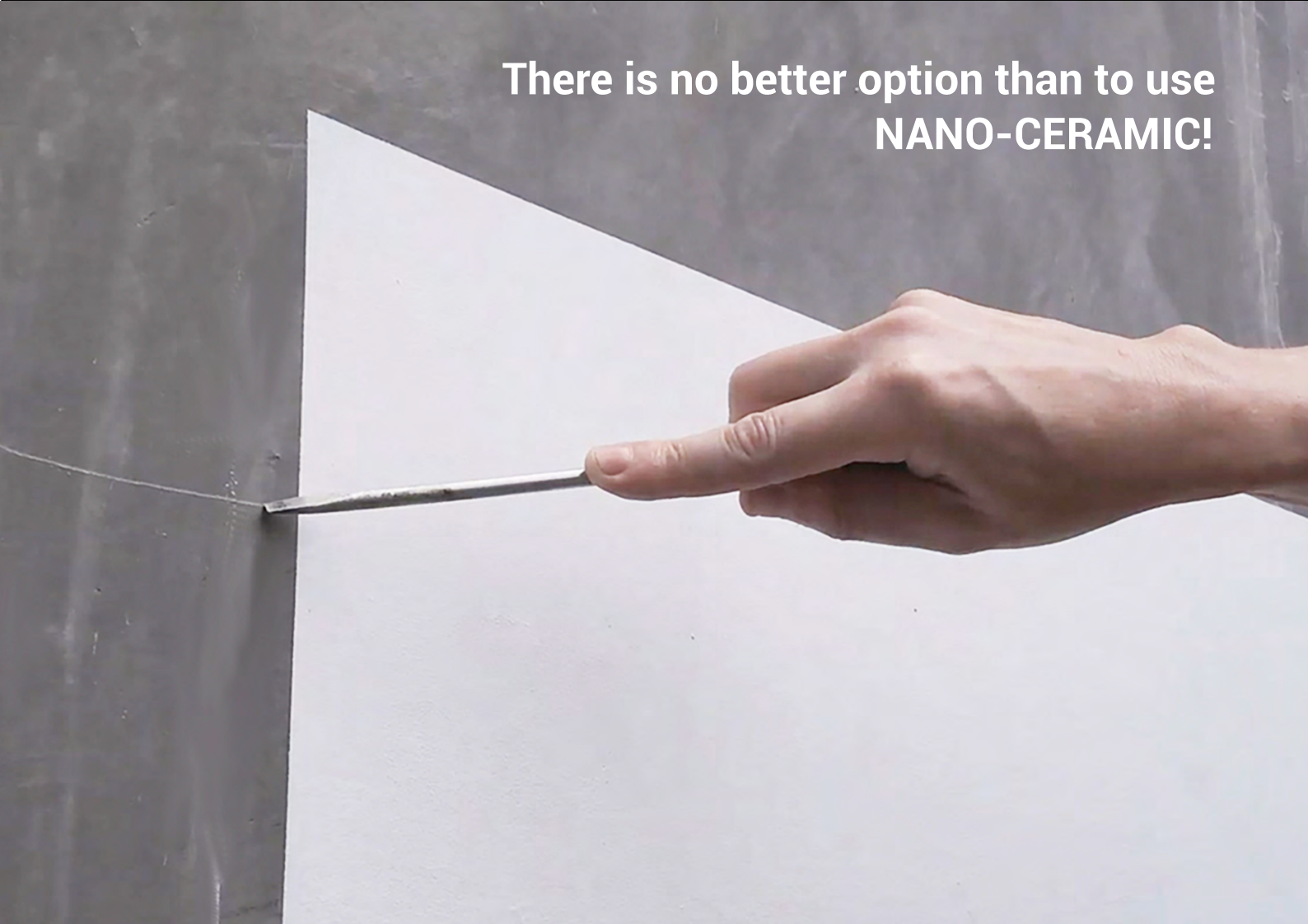


NANO-CERAMIC®



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