

NANO-CERAMIC®



WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS



**12 YEARS
WARRANTY**

Buildings 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.

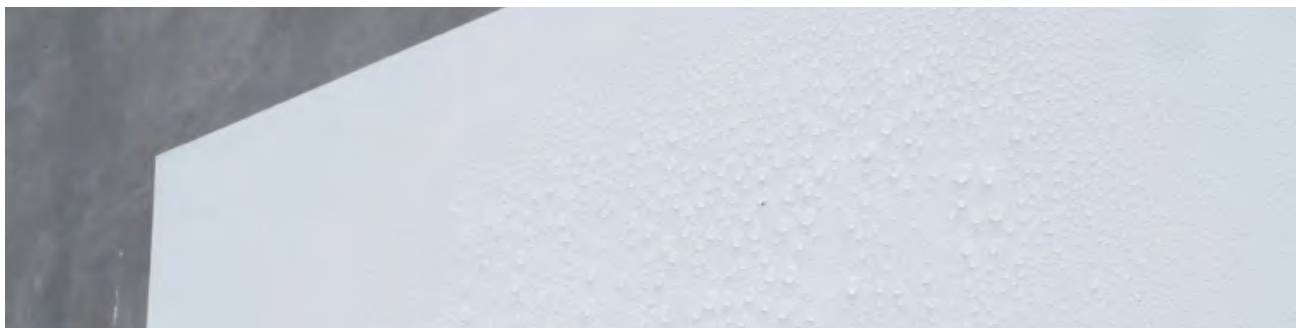
The NANO-CERAMIC® permanent coating system is resistant to 600°F (non-PFAS) and is over four times stronger than traditional acrylic-based paint finishes. It effectively prevents damage that would otherwise compromise the appearance and integrity of the original

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.

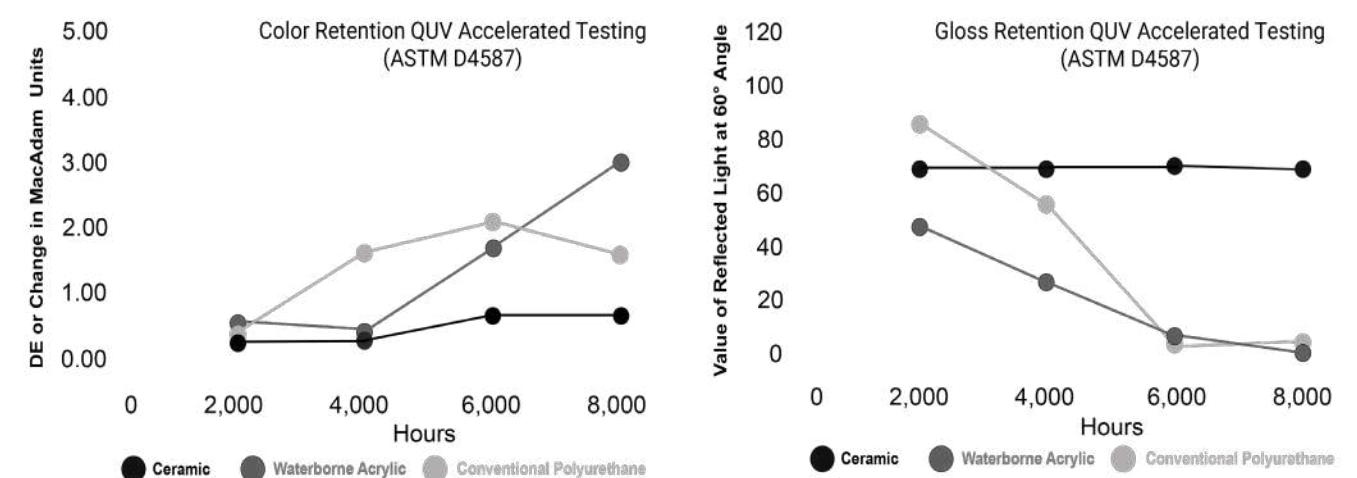
Our Coolest White Paint shields your house by blocking sunlight (passive cooling by +/- 42°F), which effectively can reduce annual electricity cost and greenhouse gases.

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	550°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+
67 oz / 4.2 lbs

Page 8



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

Page 10



Topcoat Textured Transparant
for semi gloss surfaces
SI312000 (2K) 30 Years+
67o z / 4.4 lbs

Page 12



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

Page 18



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

Page 20



The Smartest Antifouling
Transparent colorable
SI141000 (3K) 8 Year+ (repaintable)
32 oz / 9.5 lbs Marine Brochure Page 09



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

Page 14



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

Page 16



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

Page 22



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

Page 24



The Smartest Antifouling
Transparent colorable
SI144000 (3K) 8 Year+ (repaintable)
1gal / 9.5 lbs Marine Brochure Page 09

Application examples



SI11/SI12



SI21/SI22



SI31



SI41/SI42



SI13/SI15



SI14



WATERPROOFING



SUBSTITUTE EPOXY



NON-SLIP



HEAT REJECTION



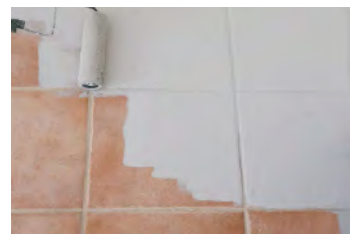
EXTERIORS



ANTIFOULING



TOPCOAT RENEWAL



CERAMIC RENEWAL



NON-SLIP



NON SLIP



INTERIORS



YACHTS



GRANITE



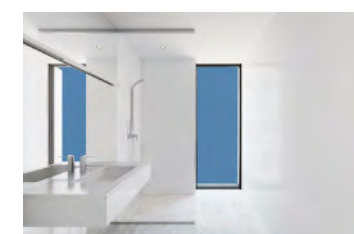
WOOD



STEEL PLATES



ISOLATION



BATHROOMS



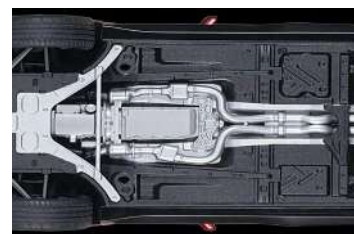
SAILING BOATS



WOOD



POOLS



UNDERCOATING



SHIELD EMI-RF



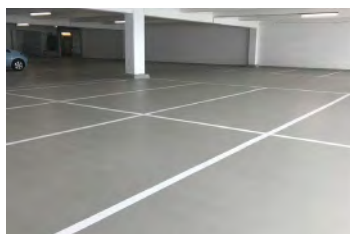
HALL WAYS



SLUICE WALLS



CONCRETE



BASEMENTS



ANTI CORROSION



ISOLATION



INFRASTRUCTURE



SLUICE DOORS

Protect every surface for decades to come

SI11

2-Component (2K)

Topcoat Transparent for glossy surfaces

Product ID	: SI112000 67 oz / 4.2 lbs Transparent Gloss
Consumption	: 3 layers 0.06 lbs/ft ² - 0.96 oz/ ft ² = 3 mil/ 70 ft ²
Reachable area	: 2 layers 0.04 lbs/ft ² - 0.64 oz/ ft ² = 2 mil/140 ft ²
	: 1 layer 0.02 lbs/ft ² - 0.32 oz/ ft ² = 1 mil/210 ft ²
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 37

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.

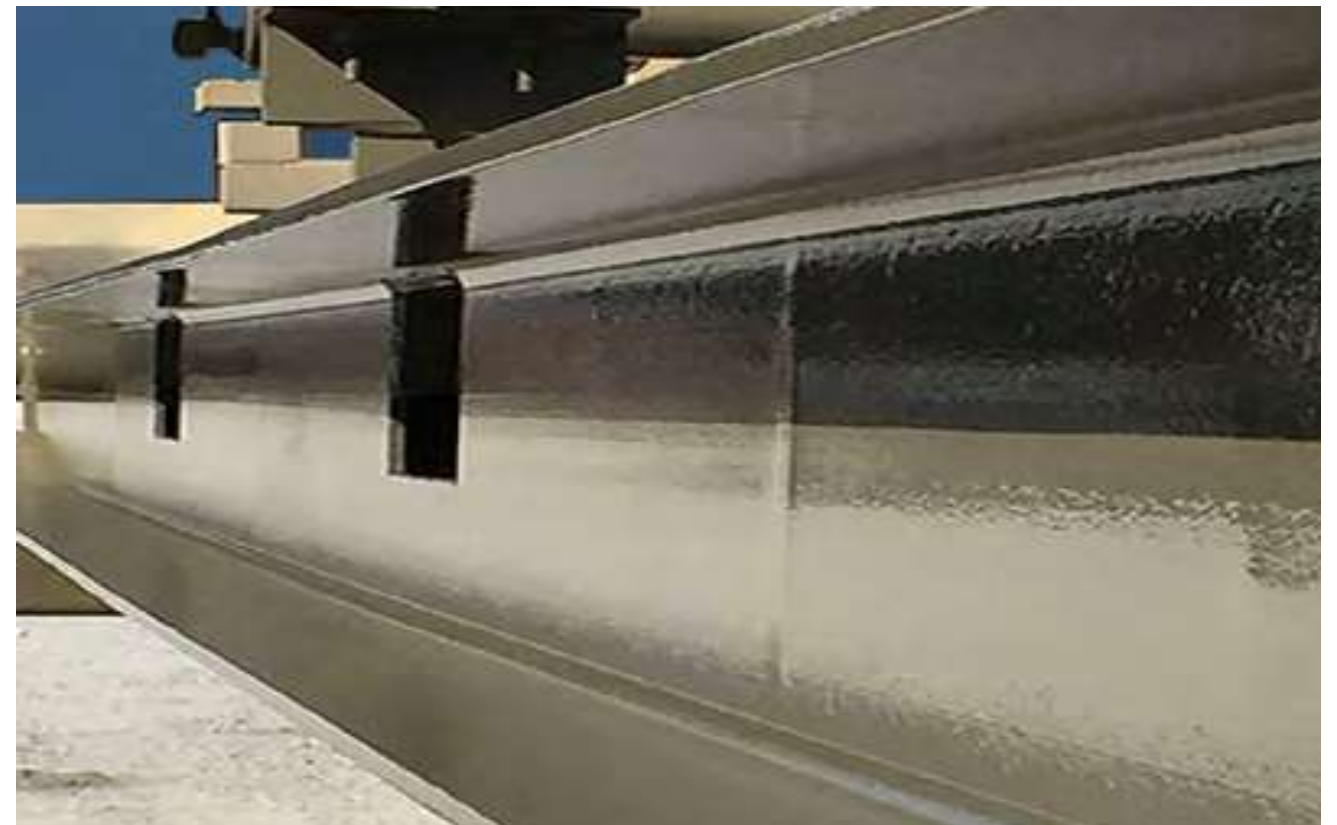
Three simple steps: Clean, Dry, and Apply.

- 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+



Super Strong - Anti-Corrosion



SI12

2-Component (2K)

Topcoat Transparent for matte surfaces

Product ID	: SI120000 67 oz / 4.4 lbs Transparent Matte
Consumption	: 3 layers 0.06 lbs/ft ² - 0.96 oz/ ft ² = 3 mil/ 70 ft ²
Reachable area	: 2 layers 0.04 lbs/ft ² - 0.64 oz/ ft ² = 2 mil/140 ft ²
	: 1 layer 0.02 lbs/ft ² - 0.32 oz/ ft ² = 1 mil/210 ft ²
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 37

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

Product ID	: SI312000 67oz / 4.6 lbs Transparent Gloss
Consumption	: 3 layers 0.050 lbs/ft² - 0.76 oz/ ft² = 3 mil/ 90 ft²
Reachable area	: 2 layers 0.033 lbs/ft² - 0.51 oz/ ft² = 2 mil/180 ft²
	: 1 layer 0.017 lbs/ft² - 0.25 oz/ ft² = 1 mil/270 ft²
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.

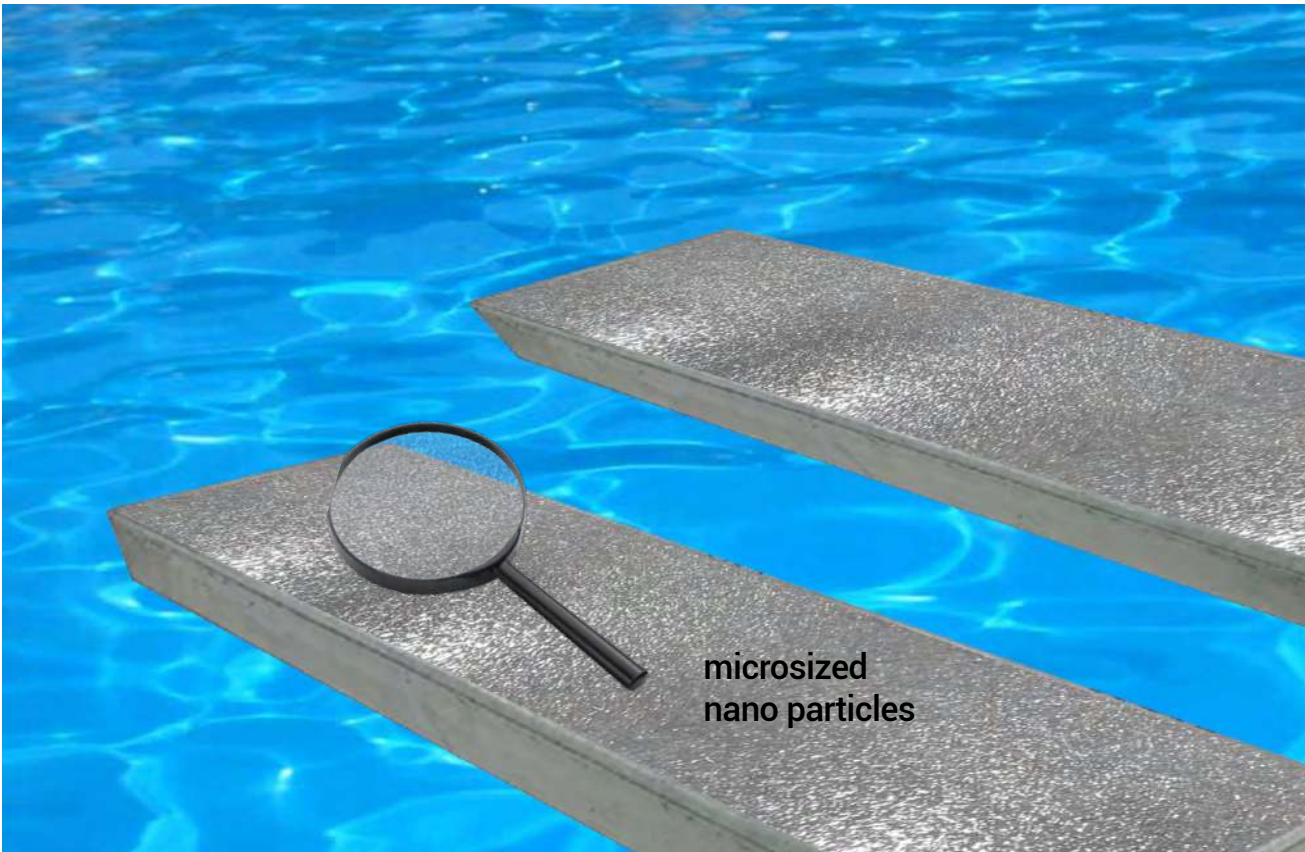
- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- This coating does not absorb any water
- Superior anti-pollution and anti-corrosion 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 37

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



Super Strong - Non-Slip



SI21

2-Component (2K)

Paint Strongest White for glossy surfaces



How to use: Page 37











Product ID	: SI212000 67 oz / 5.3 lbs
Consumption	: 3 layers 0.044 lbs/ft² - 0.56 oz/ ft² = 3 mil/120 ft²
Reachable area	: 2 layers 0.030 lbs/ft² - 0.37 oz/ ft² = 2 mil/160 ft²
	: 1 layer 0.014 lbs/ft² - 0.19 oz/ ft² = 1 mil/240 ft²
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 epoxi flooring or repaints .
- Repaints of ceramic bathroom tiles.
- Zero absorbtion, 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
-  Protects your investment



Anti-Scratch - Repaint Epoxy



SI22

2-Component (2K)

Paint Strongest White for satin surfaces



How to use: Page 37











Product ID	: SI220000 67 oz / 5.5 lbs
Consumption	: 3 layers 0.044 lbs/ft² - 0.56 oz/ ft² = 3 mil/120 ft²
Reachable area	: 2 layers 0.030 lbs/ft² - 0.37 oz/ ft² = 2 mil/160 ft²
	: 1 layer 0.014 lbs/ft² - 0.19 oz/ ft² = 1 mil/240 ft²
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 epoxi flooring , parking basements
- Repaints of ceramic bathroom tiles.
- Zero absorbtion, 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
-  Protects your investment



Superb adhesion - Repaint Epoxy



SI13

2-Component (2K)

Paint Coolest White for egg-shell surfaces



How to use: Page 37

Product ID	: SI132000 67 oz / 7.3 lbs White
Consumption	: 2 layers 0.06 lbs/ft ² - 0.58 oz/ ft ² = 3.5 mil/120 ft ²
Reachable area	: 1 layer 0.03 lbs/ft ² - 0.29 oz/ ft ² = 1.8 mil/240 ft ²
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 outdoor overhang ceilings
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.

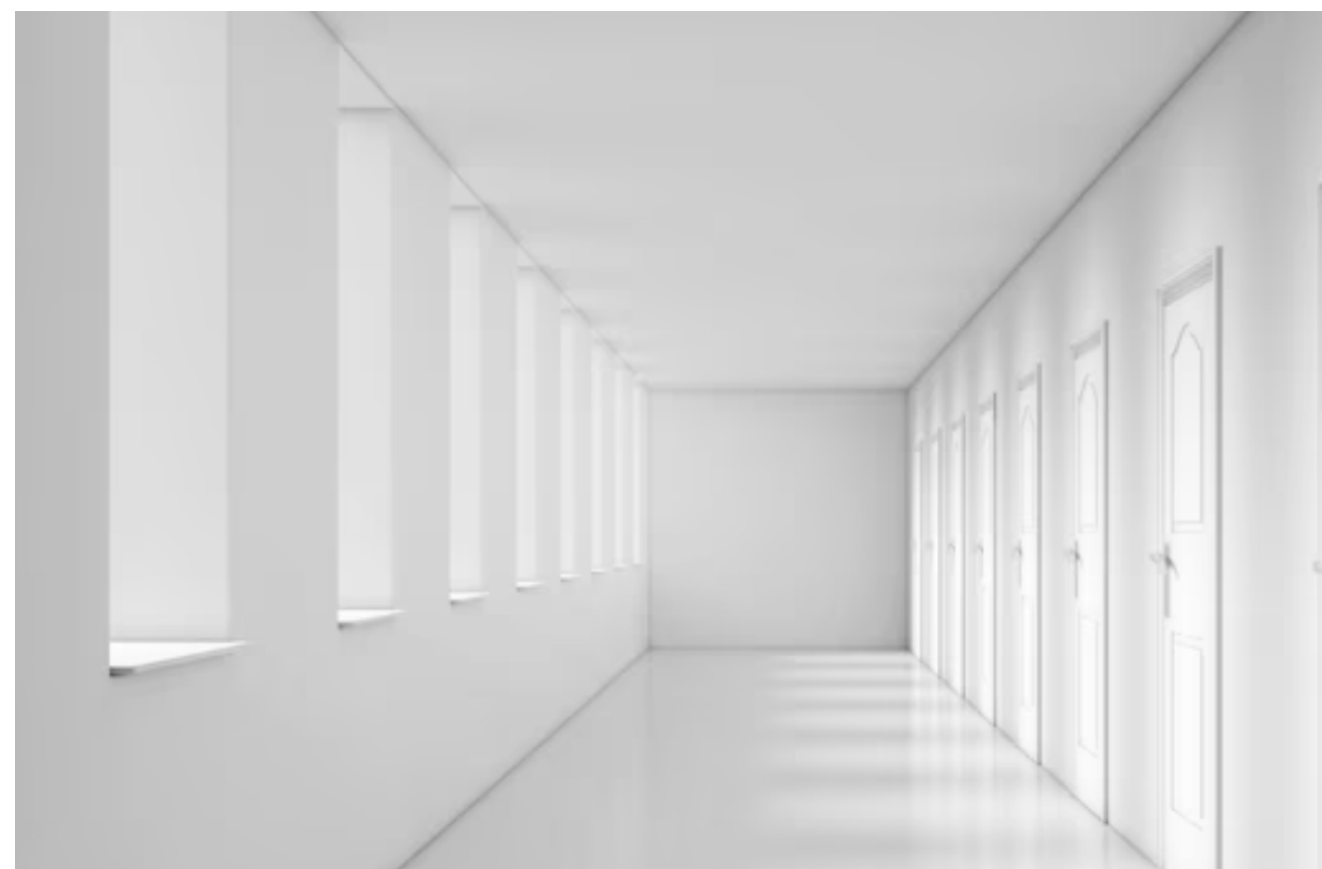
- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 600°F suitable for making walls fire retardant.



Expected Life Duration up to 25 years+



Passive Cooling - Reflective



SI15

1-Component (1K)

Paint Coolest White for egg-shell surfaces



How to use: Page 37

Article Nr.	: SI152000 67 oz / 6.6 lbs White
Consumption	: 2 layers 0.054 lbs/ft² - 0.48 oz/ft² = 3.5 mil/120 ft²
Reachable area	: 1 layer 0.027 lbs/ft² - 0.24 oz/ft² = 1.8 mil/240 ft²
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 outdoor overhang ceilings
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+



Chemical + Temperature Resistant (600°F)



SI41

2-Component (2K)

Paint Textured White for semi gloss surfaces



How to use: Page 37

Article Nr.	: SI412000 67 oz / 5.3 lbs
Consumption	: 3 layers 0.049 lbs/ft ² - 0.68 oz/ ft ² = 4.2 mil/120 ft ²
Reachable area	: 2 layers 0.033 lbs/ft ² - 0.46 oz/ ft ² = 2.8 mil/160 ft ²
	: 1 layer 0.016 lbs/ft ² - 0.22 oz/ ft ² = 1.4 mil/240 ft ²
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.

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-corrossion
-  **Permanent hydrophobic**
-  **Self-cleaning**
stays cleaner longer
-  **Anti-scratch**
-  **Takes care**
your health
-  **Protects your investment**
-  **Saves 10-20% on electricity**



Textured - Sprayable



SI42

2-Component (2K)

Paint Textured White for matte surfaces



How to use: Page 37

Article Nr.	: SI422000 67 oz / 5.5 lbs
Consumption	: 3 layers 0.049 lbs/ft ² - 0.68 oz/ ft ² = 4.2 mil/120 ft ²
Reachable area	: 2 layers 0.033 lbs/ft ² - 0.46 oz/ ft ² = 2.8 mil/160 ft ²
	: 1 layer 0.016 lbs/ft ² - 0.22 oz/ ft ² = 1.4 mil/240 ft ²
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.

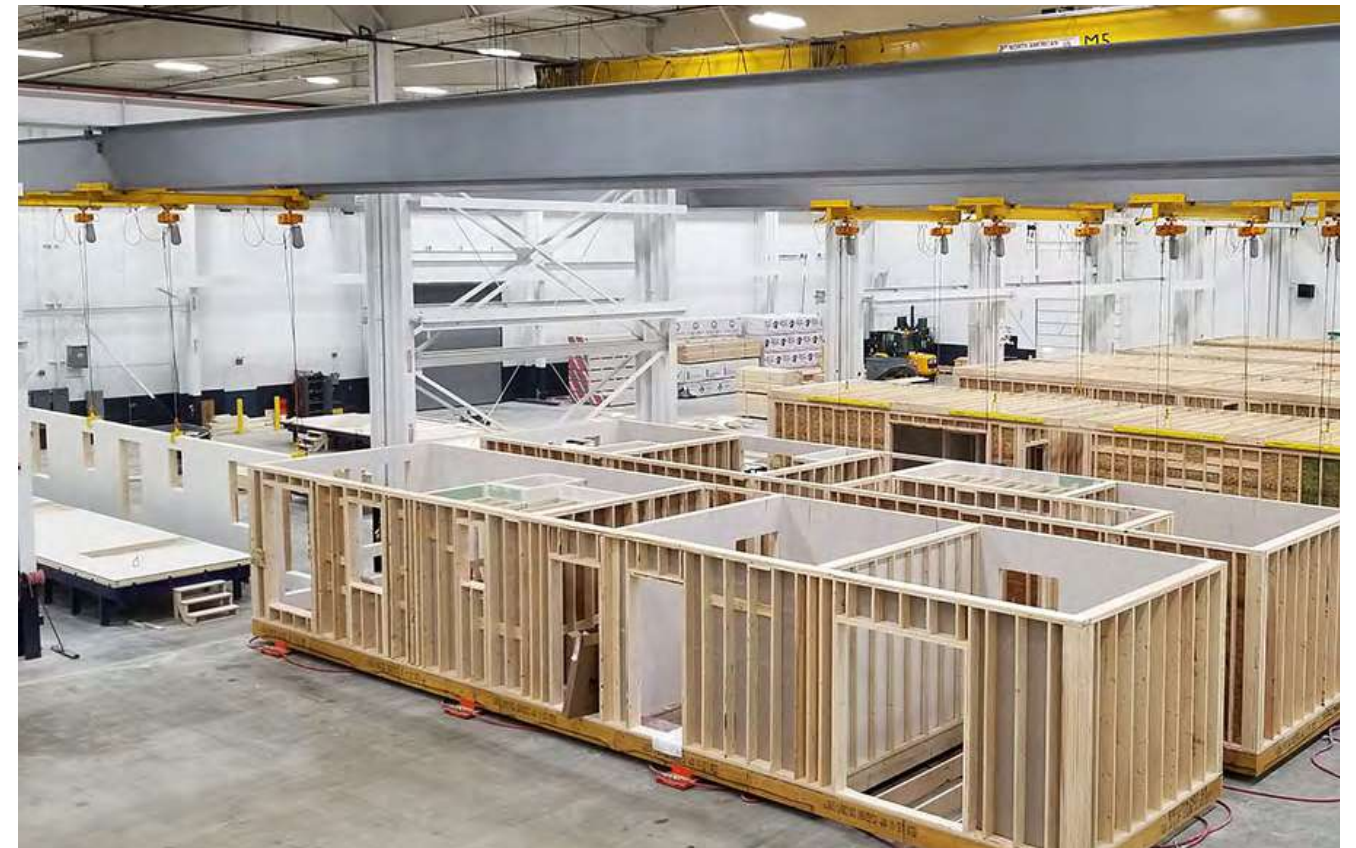
SI42 is an armored super strong nano particle textured 2-component thermal insulation paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

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 or plastics
- Zero absorbtion, waterproof.

Expected Life Duration up to 30 years+

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



Shields Noise and EMI-RF interfearence



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 1.05 gal



Quinacridone Red
Masstone
Tint
844-0451 32 oz



Scarlet Red
Masstone
Tint
844-0526 32 oz



Lead Free Orange
Masstone
Tint
844-0982 32 oz



Trans Red Oxide
Masstone
Tint
844-1054 32 oz



Red Oxide
Masstone
Tint
844-1063 32 oz



Burnt Umber
Masstone
Tint
844-1352 32 oz



Trans Yellow Oxide
Masstone
Tint
844-1852 32 oz



Yellow Oxide
Masstone
Tint
844-1863 32 oz



Lead Free Med Yellow
Masstone
Tint
844-2555 32 oz



Yellow
Masstone
Tint
844-2826 32 oz



Organic Yellow
Masstone
Tint
844-2852 32 oz



PHTHALO Green
Masstone
Tint
844-5558 32 oz



Quinacridone Violet
Masstone
Tint
844-9451 32 oz



Lamp Black
Masstone
Tint
844-9955 32 oz



PHTHALO BLUE
Masstone
Tint
844-7262 32 oz

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°)

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

Squidrel 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

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

Blue grey

Jet black

NATO green

Graphite grey

Desert sand

Camo beige

Dark grey camo

Dark brown camo

Olive drap

Very dark drap

Light stone

RAL 6031

Bronze green

RAL 6451

Brunswick green

RAL 7016

Dark sea grey

RAL 5008

[RAF] Blue grey

Antifouling

SI14 Color 31/41 (20/60°)

Transparent

Jet Black

Signal Red

Ultra marine blue

Signal Grey

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THE NEW GENERATION COATINGS

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SIX1

2-Component (2K)

Primer Epoxy Polyamide

heavy duty - anti-corrosion

Product ID : SIX11250-WH/GR 42 oz / 3.2 lbs SIX15000-WH/GR 1.32 gal / 12.8 lbs
Consumption : 2 layers +/- 0.53 lbs/ft² - 0.7 oz/ft² 80 micron = 50 ft²
Reachable area : 1 layer +/- 0.26 lbs/ft² - 0.4 oz/ft² 40 micron = 100 ft²
Hardness : H5
Colors : White, Grey or RAL (RAL Minimum Order 250 pcs 1.32 gal)
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

Product ID : SIX21250-WH/GR 42 oz / 3.2 lbs SIX25000-WH/GR 1.32 gal / 12.8 lbs
Consumption : 2 layers +/- 0.44 lbs/ft² - 0.7 oz/ft² 60 micron = 60 ft²
Reachable area : 1 layer +/- 0.22 lbs/ft² - 0.4 oz/ft² 30 micron = 120 ft²
Hardness : H3
Colors : White or Grey
Used on : Steel, aluminium, wood, fiberglass, and old paint systems.
Application area : Buildings, marine, airports, bridges



Fast Repaintable



Excellent adhesion



VOC Free

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.



SIX3

2-Component (2K)

Primer PU Wood Filler

surface modifier - absorption reducer

Product ID : SIX31500 51 oz / 3.3 lbs
Consumption : 2 layers +/- 0.40 lbs/ft² - 0.6 oz/ft² 60 micron = 80 ft²
Reachable area : 1 layer +/- 0.20 lbs/ft² - 0.3 oz/ft² 30 micron = 120 ft²
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



Absorption Reducer - All Surface Modifier

SIX4

1-Component (1K)

Primer Acrylic Waterbased

all surfaces modifier - stain killer

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



Fast Repaintable



Excellent adhesion



VOC Free

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.



SIX5 2-Component (2K)

Putty Polyester ultra smooth - sandable

- Product ID** : SIX51000-WH/GR 2.2 lbs
- Colors** : White, Grey
- Used on** : Metal, wood, fiberglass, concrete, plastics
- Application area** : Buildings, marine, airports, offshore structures, bridges private housing, etc.

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



- Fast Repaintable**
- Excellent adhesion**



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

(Test) Results



Video Application



Scan QR Code for TDS and SDS

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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, etc.

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 corrosive circumstances. The Primer should pass the ASTM D3282 adhesion test 5.
Mix SIX5A (Epoxy) 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 layers in a thickness of approx. 75-80 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% sandblasting. The sandblasting to fully coated after 7 days. The primer that the mixed color can be used longer than 2 years.
75-80 microns (3.0 mil) covers 10-15 m² / 75-140 ft²
Content: 1.8L / 60oz [NET WT: 1.73 kg / 3.8 LBS]

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

WARNINGS: FLAMMABLE - LIQUID, VAPOR AND SPRAY MIST HARMFUL. EXPOSURE MAY CAUSE LONG DAMAGE, ALLERGIC REACTION OR RESPIRATORY REACTION. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN, NOSE AND THROAT IRRITATION.

SDS
TDS SDS
Scan QR Code

GLOSS

TRANSPARENT / COLORABLE

TRANSPARENT



SOLV

Thinner solvent

for all types of our ceramic paint & coating

Product ID : SOLV0400 14 oz / 0.8 lbs SOLV2000 64 oz / 3.9 lbs SOLV5000 1.32 gal / 9.7 lbs

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



RETA/ACCL

Retarder Accelerator

slow down flash time or speed up curing

Product ID : RETA0400 14 oz / 0.85 lbs ACCL0200 7 oz / 0.4 lbs

If your application requires a longer flash time (for example, in hot temperatures) to build up the layer with a second or third coat, you can add RETA Retarder. If you want to accelerate the curing process of UVA Topcoat, you can add 0.2%–0.4% ACCL Accelerator, with a maximum of <0.4%. This additive can reduce drying time by 30–70% compared to a non-catalyzed system, and full hardness can be achieved 1.5–2 times faster.



E-Warranty

Guarantee of quality and reliability of NANO-CERAMIC is guaranteed for 12 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.

How to use our Permanent Coating System:

These products can be stored for up to 24 months (in a dry, temperature-stable dark environment)

Processing Temperature:

Ambient temperature: 41–86°F
Avoid direct sunlight, Rain and /or high humidity.

IMPORTANT:

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

Application information

The SI11/SI12/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.

Outfit/Applicators:



Fresh Air Respirator



Paint Suit



Nitrile gloves



HVLP Paint Sprayer
1.3mm / 1.5mm / 1.8mm nozzle



Paint Roller
(Microfiber)

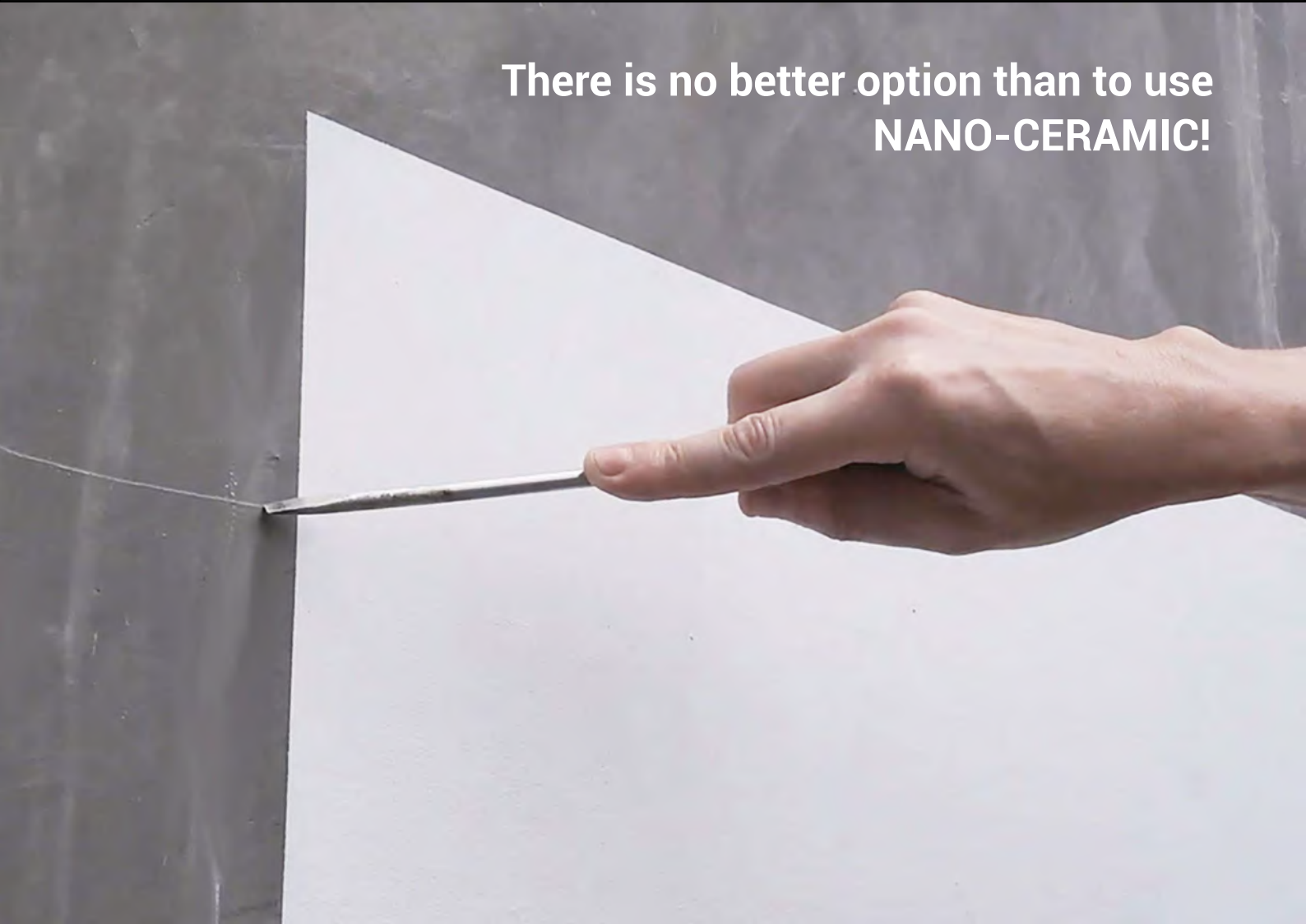


Paint Brush
(acrylic)

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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