

# 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 300°C (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.

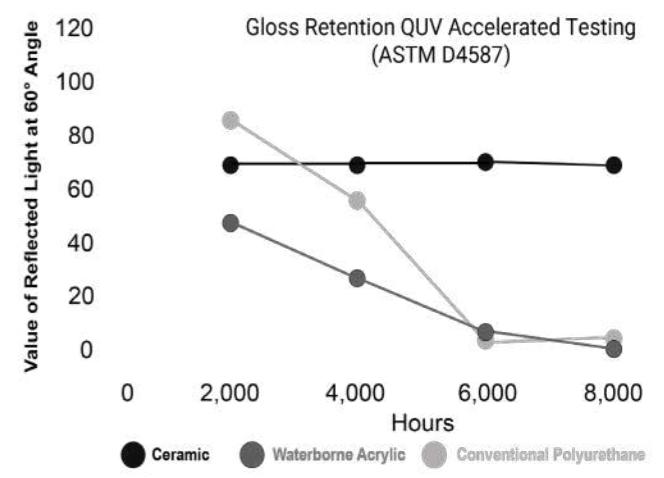
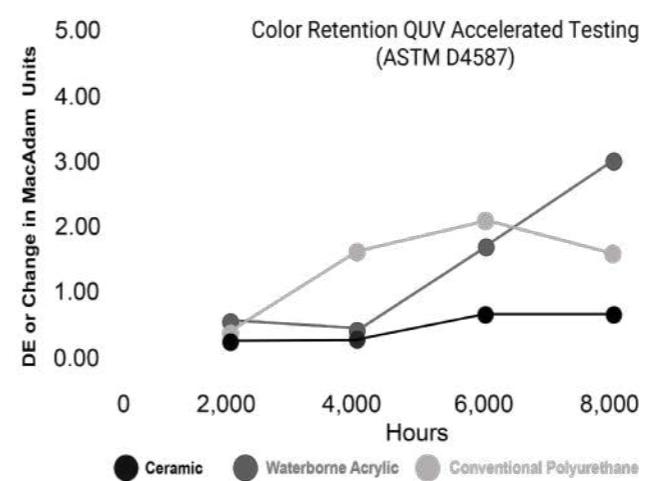
Our Coolest White Paint shields your house by blocking sunlight (passive cooling by +/- 6 °C), which effectively can reduce annual electricity cost and greenhouse gases.

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.

## 10 High Tech Coatings and Paints for All Paint Jobs



Topcoat Transparent Gloss  
for glossy surfaces  
SI112000 (2K) 30 Years+  
2 L / 1.900 g Page 8



Topcoat Transparent Matte  
for matte surfaces  
SI122000 (2K) 30 Years+  
2 L / 2.000 g Page 10



Topcoat Textured Transparent  
for semi gloss surfaces  
SI312000 (2K) 30 Years+  
2 L / 2.000 g Page 12



Paint Coolest White  
for egg-shell surfaces  
SI132000 (2K) 25 Years+  
2 L / 3.300 g Page 18



Paint Coolest White  
for egg-shell surfaces  
SI152000 (1K) 20 Years+  
2 L / 3.000 g Page 20



Paint Strongest White  
for glossy surfaces  
SI212000 (2K) 30 Years+  
2 L / 2.400 g Page 14



Paint Strongest White  
for satin surfaces  
SI222000 (2K) 30 Years+  
2 L / 2.500 g Page 16



Paint Textured White  
for semi glossy surfaces  
SI412000 (2K) 30 Years+  
2 L / 2.400 g Page 22



Paint Textured White  
for matte surfaces  
SI422000 (2K) 30 Years+  
2 L / 2.500 g Page 24



The Smartest Antifouling  
Transparent colorable  
SI141000 (3K) 8 Years+ (repaintable)  
1 L / 1.000 g Marine Brochure Page 09

## 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	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	No
Adhesion Strength	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Cross Cut Test	<b>Poor</b>	<b>Poor</b>	Good	<b>Poor</b>	Excellent
Abrasion Resistance	<b>Poor</b>	<b>Poor</b>	<b>Average</b>	<b>Poor</b>	Excellent
UV Radiation Resistance	<b>Average</b>	<b>Average</b>	<b>Poor</b>	Good	Excellent
Artificial Atmospheric Agents	<b>Poor</b>	<b>Poor</b>	Good	Good	Excellent
Colour Retention	<b>Average</b>	<b>Average</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Gloss Retention	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	<b>Poor</b>	Excellent
Chemical Resistance	Good	Good	Good	<b>Poor</b>	Excellent
Severe Chemical Attack	<b>Poor</b>	<b>Poor</b>	<b>Average</b>	<b>Poor</b>	Excellent
Temperature Resistance	<b>60°C</b>	<b>91°C</b>	177°C	263°C	300°C
Thermal Shock Resistance	Good	Good	<b>Poor</b>	Good	Excellent
Carbon Dioxide Permeability	<b>Poor</b>	<b>Poor</b>	Good	<b>Poor</b>	Excellent
Permeability water vapour	<b>Average</b>	<b>Average</b>	Good	<b>Average</b>	Excellent
Water Absorption Rate	<b>5-15%</b>	<b>1%</b>	<b>2%</b>	<b>3%</b>	0%
Aging at 70°C	<b>Poor</b>	<b>Poor</b>	Good	<b>Average</b>	Excellent
Adhesion Strength Pull-off	<b>Poor</b>	<b>Average</b>	Good	<b>Poor</b>	Excellent
Impact Resistance	<b>Poor</b>	<b>Average</b>	Good	<b>Poor</b>	Excellent
Anti-Graffiti	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Anti-Termite (Wood)	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Hydrophobic Self Cleaning	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Easy to Clean	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	Yes
Total Solar Reflectance (TSR)	<b>60</b> (white)	<b>60</b> (white)	60 (white)	<b>60</b> (white)	88 (white)
Expected Lifetime in Years	<7	<7	<5-15	<5-15	15-30+

## Application examples



WATERPROOFING



SUBSTITUTE EPOXY



NON-SLIP



HEAT REJECTION



EXTERIORS



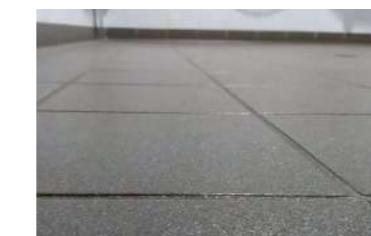
ANTIFOULING



TOPCOAT RENEWAL



CERAMIC RENEWAL



NON-SLIP



NON SLIP



INTERIORS



YACHTS



GRANITE



WOOD



STEEL PLATES



ISOLATION



BATHROOMS



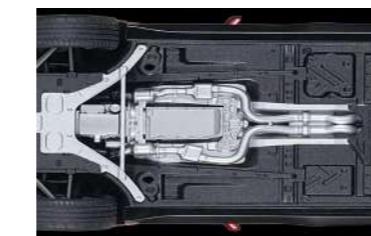
SAILING BOATS



WOOD



POOLS



UNDERCOATING



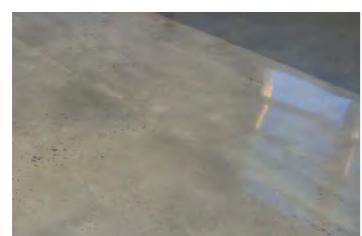
SHIELD EMI-RF



HALL WAYS



SLUICE WALLS



CONCRETE



BASEMENTS



ANTI CORROSION



ISOLATION



INFRASTRUCTURE



SLUICE DOORS

## Protect every surface for decades to come



HEAT REJECTION



EXTERIORS



ANTIFOULING



NON SLIP



INTERIORS



YACHTS



ISOLATION



BATHROOMS



SAILING BOATS



SHIELD EMI-RF



HALL WAYS



SLUICE WALLS



ISOLATION



INFRASTRUCTURE



SLUICE DOORS

# SI11

2-Component (2K)

## Topcoat Transparent for glossy surfaces



**Article Nr** : SI112000 2 L / 1.900 g

**How to use:** Page 37

**Consumption** : 3 layers  $+/- 270 \text{ g/m}^2 - 285 \text{ ml/m}^2$  75 micron =  $7 \text{ m}^2$

**Reachable area** : 2 layers  $+/- 180 \text{ g/m}^2 - 190 \text{ ml/m}^2$  50 micron =  $14 \text{ m}^2$

: 1 layer  $+/- 90 \text{ g/m}^2 - 95 \text{ ml/m}^2$  25 micron =  $21 \text{ m}^2$

**Hardness** : H9

**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, indoors, or outdoors.

**Application area** : Buildings, airports, offshore structures, bridges, tunnels, hotels, 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.

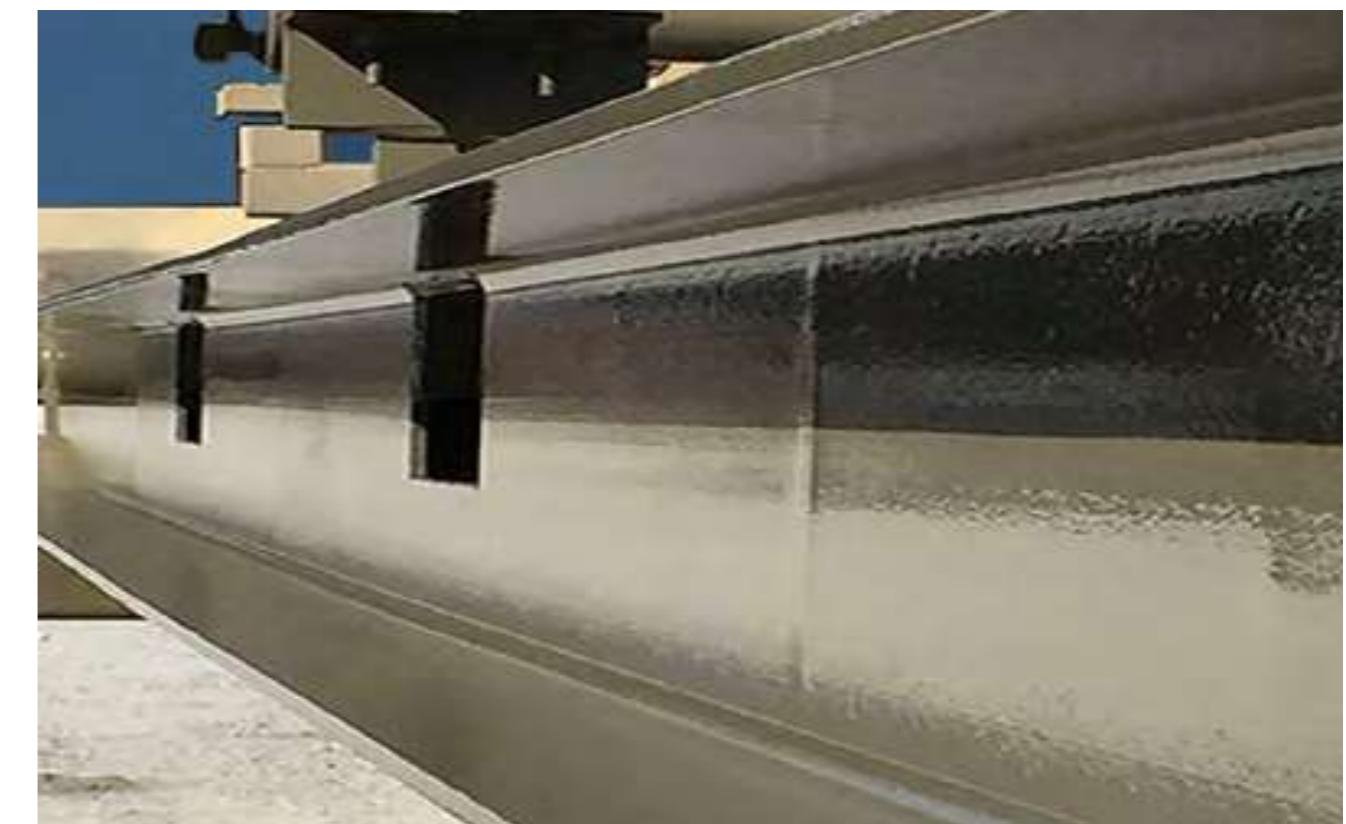
- Easily repels water, dirt, dust, and pollutants.
- This coating is permanent hydrophobic
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 300°C. suitable for making walls fire retardant and is most best solution to make rooftops waterproof

Expected life duration up to 30 years+

	<b>Near-permanent</b>
	<b>Anti-corrosion</b>
	<b>Permanent hydrophobic</b>
	<b>Anti-pollution</b>
	<b>Anti-algae</b>
	<b>UV protection</b>
	<b>Self-cleaning Stays cleaner longer</b>
	<b>Impact Resistance 1kg / 80cm</b>
	<b>Thermal Shock-Resistant</b>



## Chemical Resistant - Anti-Corrosion



# SI12

2-Component (2K)

## Topcoat Transparent Matte for matte surfaces



**Article Nr** : SI122000 2 L / 2.000 g

**How to use:** Page 37

**Consumption** : 3 layers  $+/- 270 \text{ g/m}^2 - 285 \text{ ml/m}^2$  75 micron =  $7 \text{ m}^2$

**Reachable area** : 2 layers  $+/- 180 \text{ g/m}^2 - 190 \text{ ml/m}^2$  50 micron =  $14 \text{ m}^2$

: 1 layer  $+/- 90 \text{ g/m}^2 - 95 \text{ ml/m}^2$  25 micron =  $21 \text{ m}^2$

**Hardness** : H9

**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, indoors, or outdoors.

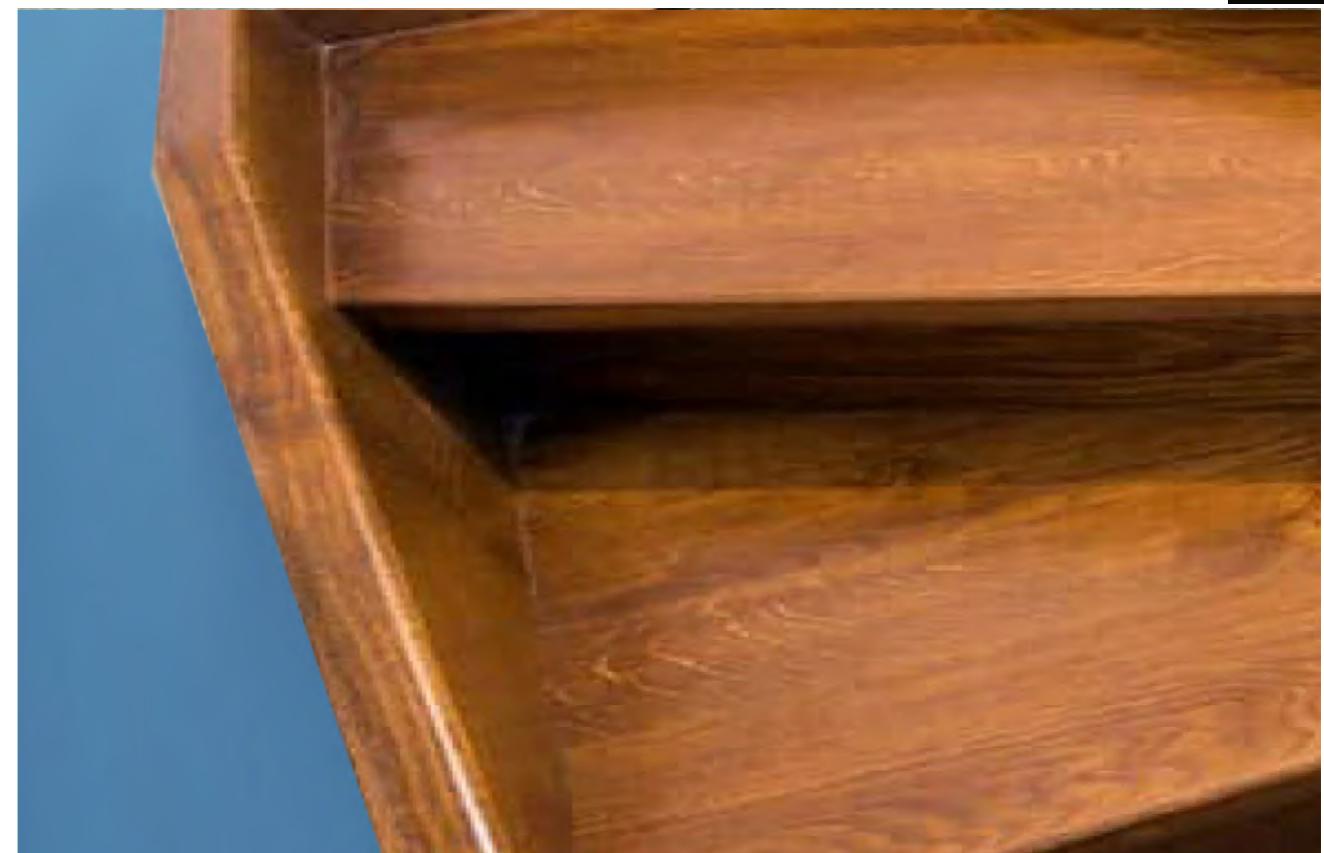
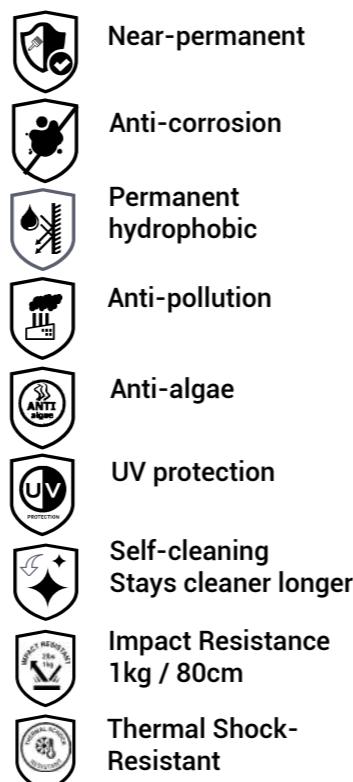
**Application area** : Buildings, airports, offshore structures, bridges, tunnels hotels, private housing, etc.

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

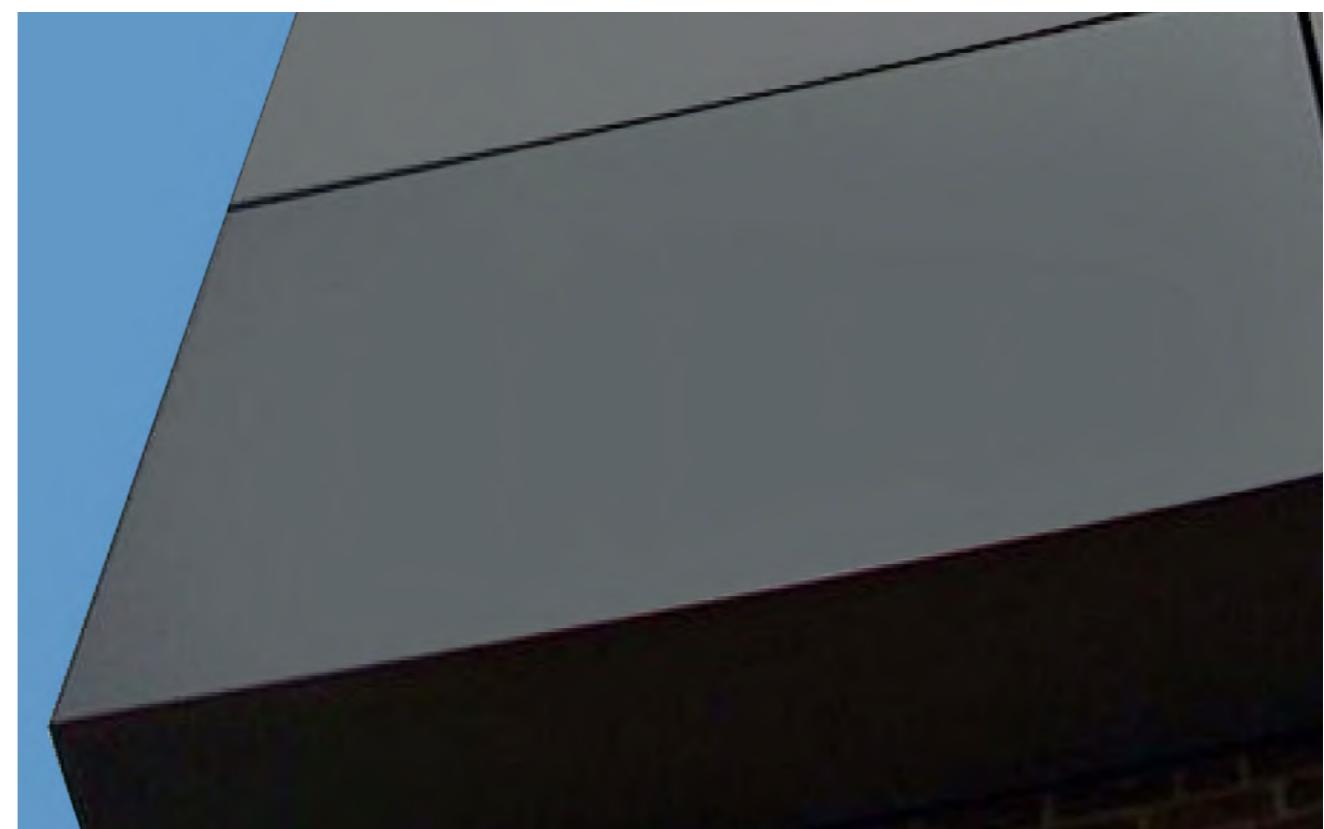
Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating is permanent hydrophobic
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 300°C. suitable for making walls fire retardant and is most best solution to make rooftops waterproof

Expected life duration up to 30 years+



## Super Strong - Permanent Hydrophobic



# SI31

2-Component (2K)

## Topcoat Textured Transparent for semi glossy surfaces



Article Nr : SI312000 2 L / 2.000 g

How to use: Page 37

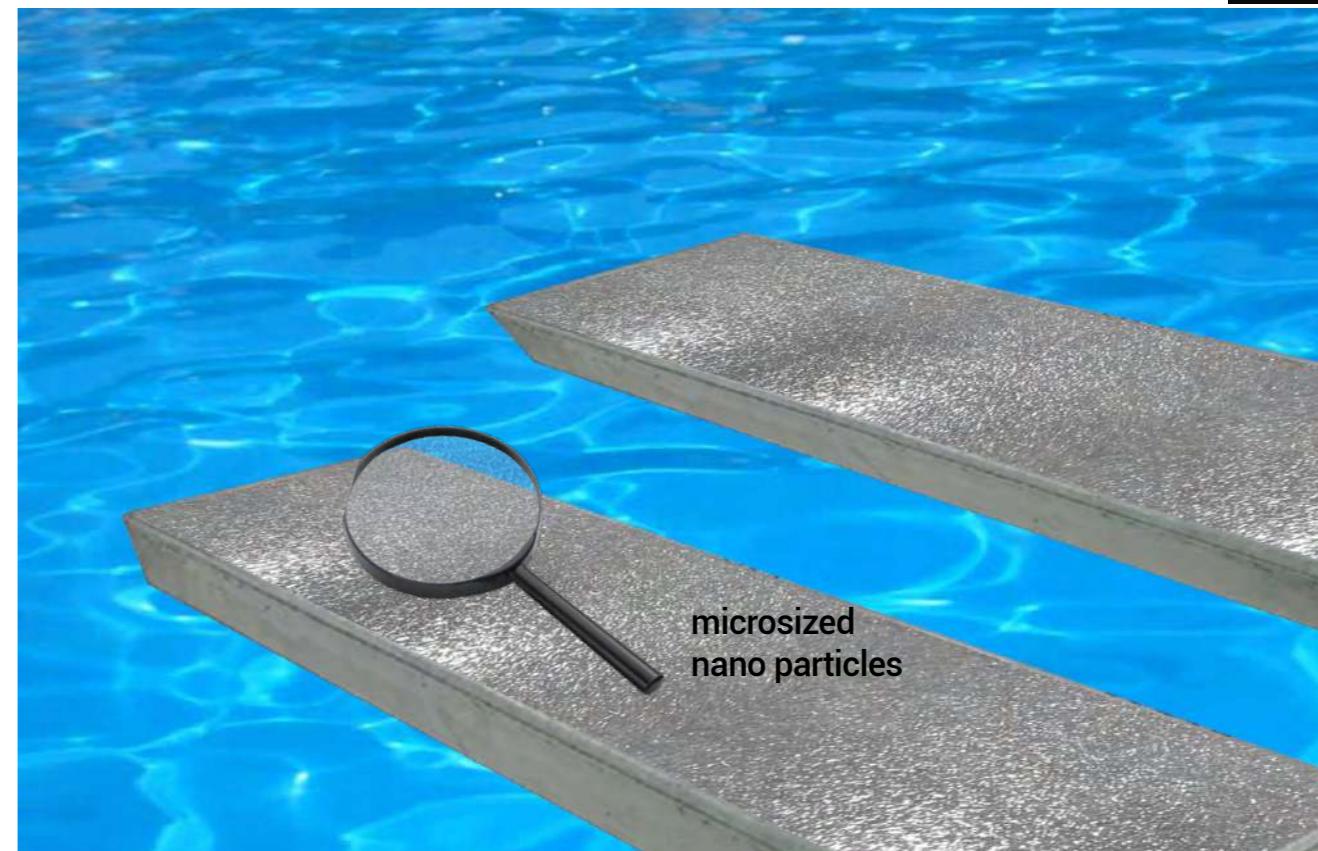
Consumption	: 3 layers +/- 222 g/m <sup>2</sup> - 222 ml/m <sup>2</sup> 90 micron = 9 m <sup>2</sup>
Reachable area	: 2 layers +/- 111 g/m <sup>2</sup> - 111 ml/m <sup>2</sup> 60 micron = 18 m <sup>2</sup>
	: 1 layer +/- 74 g/m <sup>2</sup> - 74 ml/m <sup>2</sup> 30 micron = 27 m <sup>2</sup>
Hardness	: H9
Used on	: Concrete, Stone, Marble, Wood, Ceramic Fiberglass, Epoxi, Aluminium, Steel
Application area	: Buildings, airports, offshore structures, bridges, tunnels Swimmingpool, Stairs, hotels, floors, private housing, etc.

SI31 is an incredibly strong 2-component 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 300°C
- Super for stairs and slippery places indoor or outdoor
- Waterproofing from swimmingpools dll.

Expected life duration up to 30 years+



## Super Strong - Non-Slip



# SI21

2-Component (2K)

## Paint Strongest White Gloss for glossy surfaces



Article Nr : SI210000 2 L / 2.400 g

How to use: Page 37

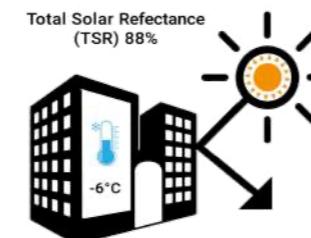
Consumption	: 3 layers +/- 200 g/m <sup>2</sup> - 165 ml/m <sup>2</sup> 90 micron = 12 m <sup>2</sup>
Reachable area	: 2 layers +/- 130 g/m <sup>2</sup> - 110 ml/m <sup>2</sup> 60 micron = 16 m <sup>2</sup>
	: 1 layer +/- 65 g/m <sup>2</sup> - 55 ml/m <sup>2</sup> 30 micron = 24 m <sup>2</sup>
Hardness	: H8
Used on	: Gelcoat, fiberglass, steel, aluminium, plastics, wood
Application area	: Buildings, marine, airports, offshore structures, bridges, hotels, 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 300°C. 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 absorption, waterproof.

Expected life duration up to 30 years+



## Anti-Scratch - Repaint Epoxy

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



# SI22

2-Component (2K)

## Paint Strongest White Satin

for satin surfaces



Article Nr : SI220000 2 L / 2.500 g

How to use: Page 37

Consumption : 3 layers +/- 200 g/m<sup>2</sup> - 165 ml/m<sup>2</sup> 90 micron = 12 m<sup>2</sup>

Reachable area : 2 layers +/- 130 g/m<sup>2</sup> - 110 ml/m<sup>2</sup> 60 micron = 16 m<sup>2</sup>

: 1 layer +/- 65 g/m<sup>2</sup> - 55 ml/m<sup>2</sup> 30 micron = 24 m<sup>2</sup>

Hardness : H8

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

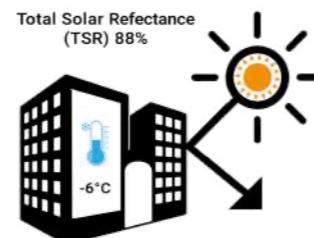
Application area : Buildings, marine, airports, offshore structures, bridges, hotels, private housing, etc.

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 300°C. 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 absorption, 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



Visibility  
Protects your  
investment



## Superb adhesion - Repaint Epoxy



# SI13

2-Component (2K)

## Paint Coolest White

for egg-shell surfaces



**Article Nr** : SI132000 2 L / 3.300 g

**How to use:** Page 37

<b>Consumption</b>	: 2 layers +/- 280 g/m <sup>2</sup> - 170 ml/m <sup>2</sup> 90 micron = 12 m <sup>2</sup>
<b>Reachable area</b>	: 1 layer +/- 140 g/m <sup>2</sup> - 85 ml/m <sup>2</sup> 45 micron = 24 m <sup>2</sup>
<b>Hardness</b>	: H7
<b>Used for</b>	: The SI13 system can be applied directly or indirectly on all surfaces (porous and non-porous) such as concrete, steel, wood, acrylic, gypsum, painted or unpainted surfaces, indoors, or outdoors
<b>Application area</b>	: Buildings, airports, offshore structures, bridges, tunnels, hotels, private housing, etc.

SI13 is an incredibly strong 2-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

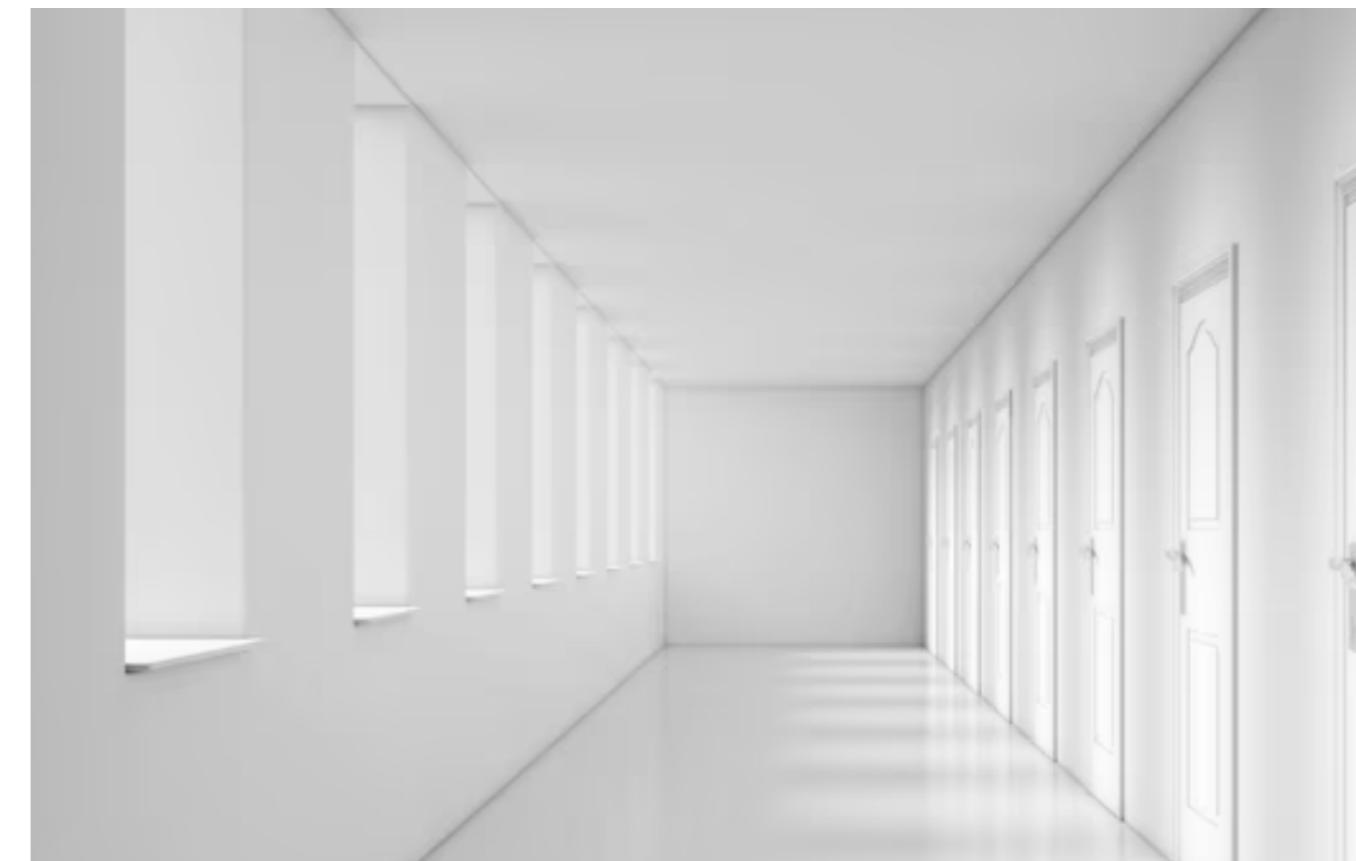
- Easily repels water, dirt, dust, and pollutants.
- This coating is permanent hydrophobic
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 300°C. suitable for making walls fire retardant and is most best solution to make rooftops waterproof

Expected life duration up to 30 years+

	<b>Near-permanent</b>
	<b>Anti-corrosion</b>
	<b>Permanent hydrophobic</b>
	<b>Anti-pollution</b>
	<b>Anti-algae</b>
	<b>UV protection</b>
	<b>Self-cleaning Stays cleaner longer</b>
	<b>Thermal Shock-Resistant</b>



## Passive Cooling - Reflective



# SI15

1-Component (1K)

## Paint Coolest White

for egg-shell surfaces



**Article Nr.** : SI152000 2 L / 3.000 g

**How to use:** Page 37

<b>Consumption</b>	: 2 layers +/- 250 g/m <sup>2</sup> - 144 ml/m <sup>2</sup> 90 micron = 12 m <sup>2</sup>
<b>Reachable area</b>	: 1 layer +/- 125 g/m <sup>2</sup> - 72 ml/m <sup>2</sup> 45 micron = 24 m <sup>2</sup>
<b>Hardness</b>	: H6
<b>Used for</b>	: 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
<b>Application area</b>	: Buildings, airports, offshore structures, bridges, tunnels, hotels, private housing, etc.

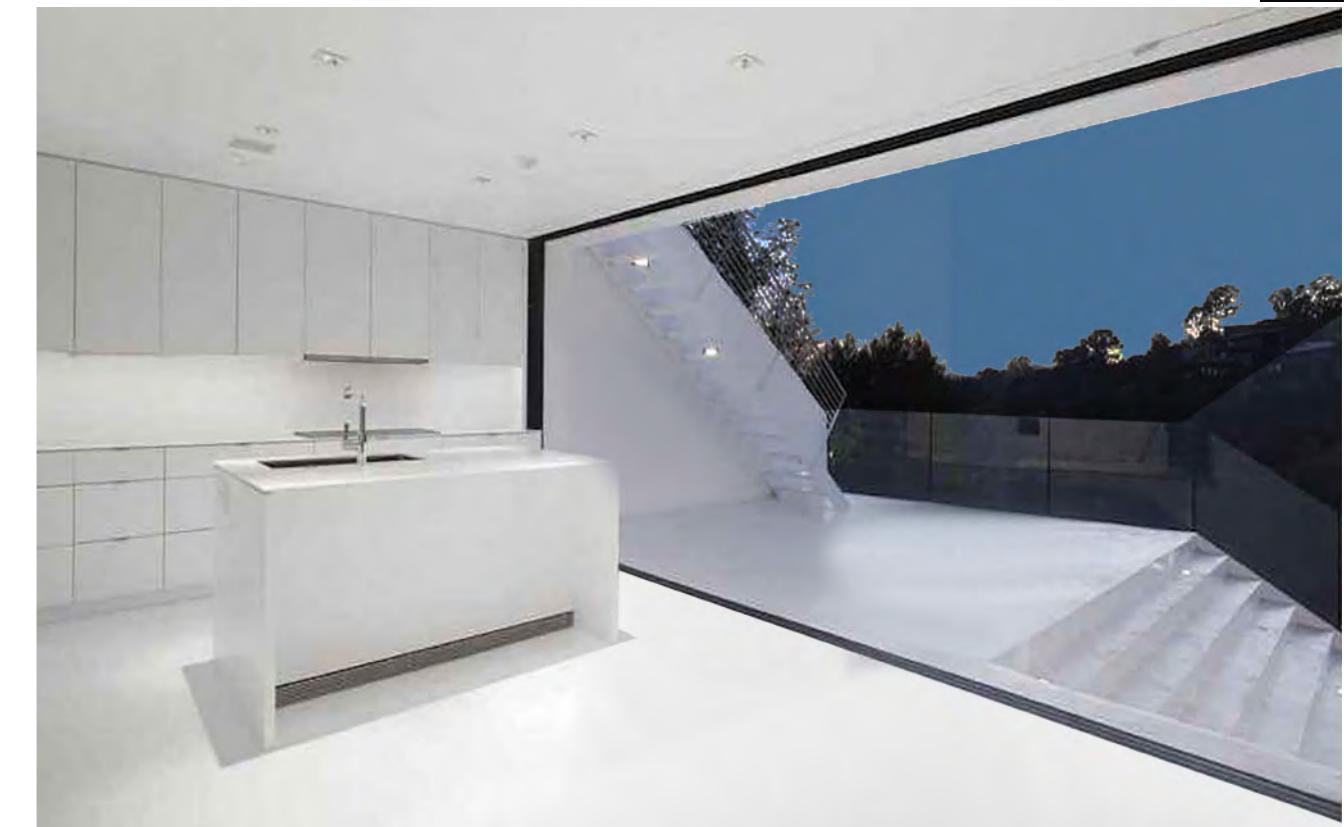
SI15 is an incredibly strong 1-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

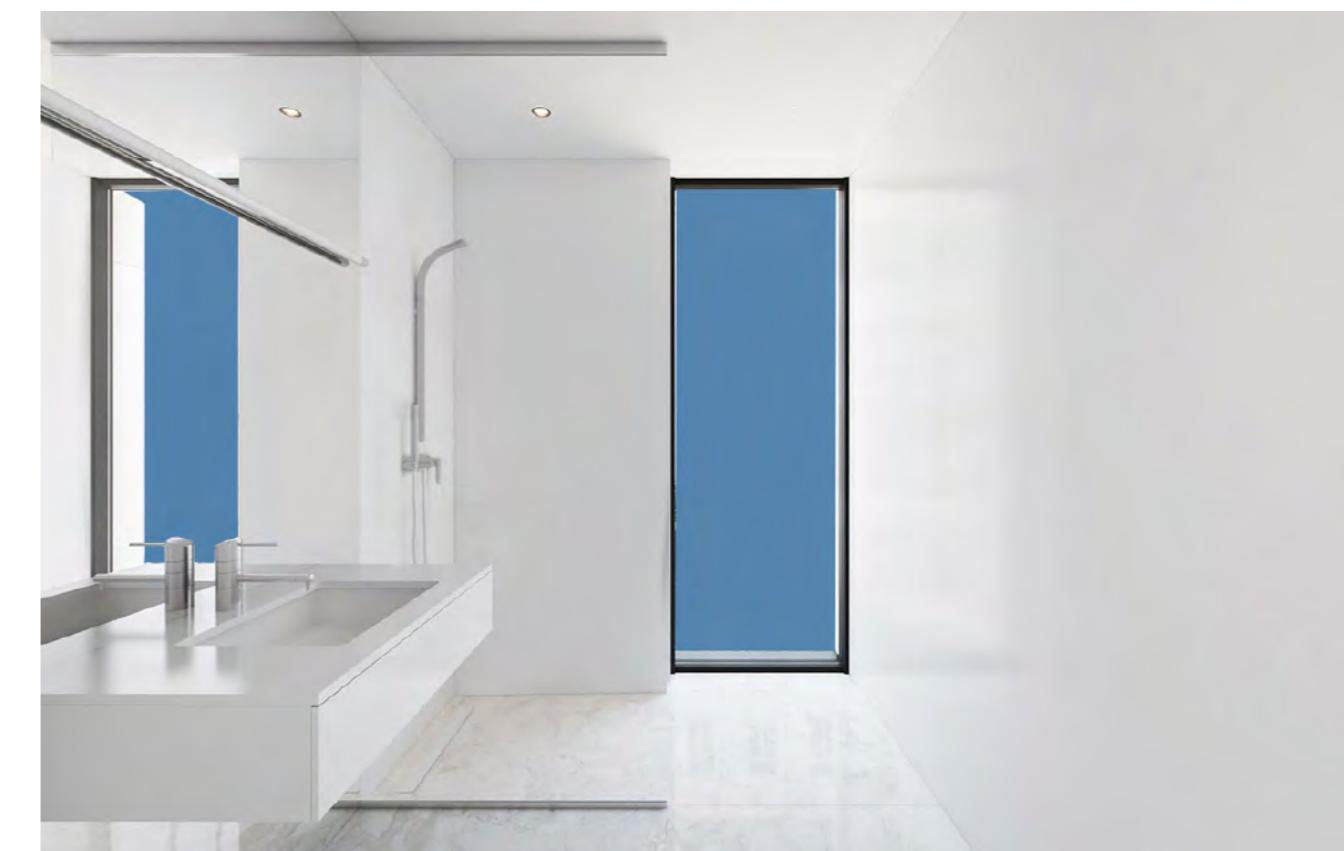
- Easily repels water, dirt, dust, and pollutants.
- This coating is permanent hydrophobic
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 300°C. suitable for making walls fire retardant and is most best solution to make rooftops waterproof

Expected life duration up to 20 years+

	<b>Near-permanent</b>
	<b>Anti-corrosion</b>
	<b>Permanent hydrophobic</b>
	<b>Anti-pollution</b>
	<b>Anti-algae</b>
	<b>UV protection</b>
	<b>Self-cleaning Stays cleaner longer</b>
	<b>Thermal Shock-Resistant</b>



## Chemical - Temperature Resistant (300°C)



# SI41

2-Component (2K)

## Paint Textured White

for satin matte surfaces



Article Nr.: SI412000 2 L / 2.400 g

How to use: Page 37

Consumption	: 3 layers +/- 200 g/m <sup>2</sup> - 165 ml/m <sup>2</sup> 105 micron = 12 m <sup>2</sup>
Reachable area	: 2 layers +/- 130 g/m <sup>2</sup> - 110 ml/m <sup>2</sup> 70 micron = 16 m <sup>2</sup>
	: 1 layer +/- 65 g/m <sup>2</sup> - 55 ml/m <sup>2</sup> 35 micron = 24 m <sup>2</sup>
Hardness	: H9
Used on	: Concrete, Gelcoat, fiberglass, steel, aluminium, plastics, wood, radiator pipes, virtually any surface.
Application area	: Buildings, marine, airports, offshore structures, bridges, tunnelhotels, floors, private housing, etc.

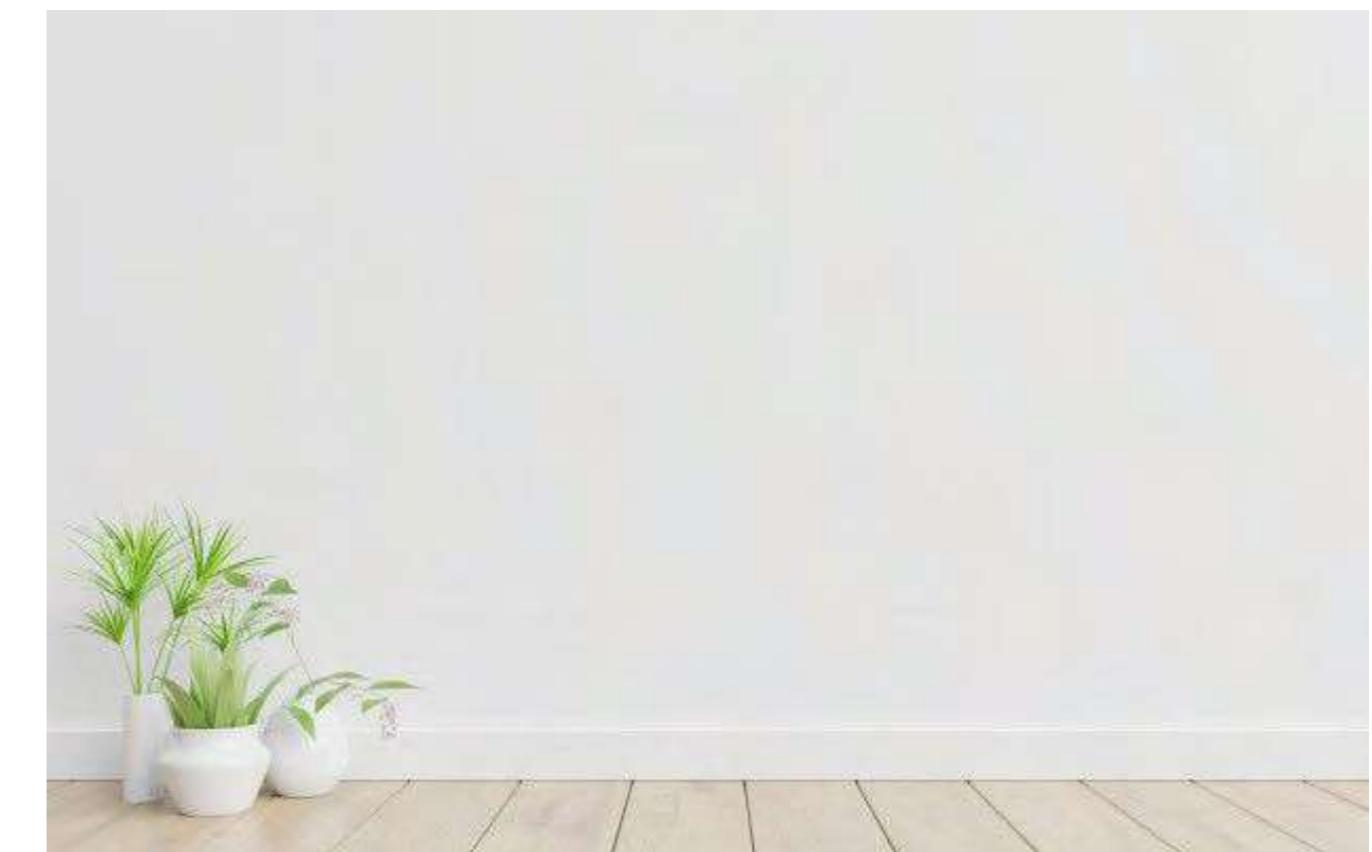
SI41 is an armored super strong textured 2-component thermal insulation paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

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 300°C. suitable for making walls fire retardant and is the best solution to make rooftops waterproof and heat reflective.
- Superior alternative for Epoxy flooring or repainting.
- Repaints of ceramic bathroom tiles.
- Zero absorption, 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



## Textured - Sprayable



# SI42

2-Component (2K)

## Paint Textured White

for matte surfaces



Article Nr.: SI422000 2 L / 2.500 g

How to use: Page 37

Consumption	: 3 layers +/- 200 g/m <sup>2</sup> - 165 ml/m <sup>2</sup> 105 micron = 12 m <sup>2</sup>
Reachable area	: 2 layers +/- 130 g/m <sup>2</sup> - 110 ml/m <sup>2</sup> 70 micron = 16 m <sup>2</sup>
	: 1 layer +/- 65 g/m <sup>2</sup> - 55 ml/m <sup>2</sup> 35 micron = 24 m <sup>2</sup>
Hardness	: H9
Used on	: Concrete, Gelcoat, fiberglass, steel, aluminium, plastics, wood, radiator pipes, virtually any surface.
Application area	: Buildings, marine, airports, offshore structures, bridges, tunnelhotels, floors, private housing, etc.

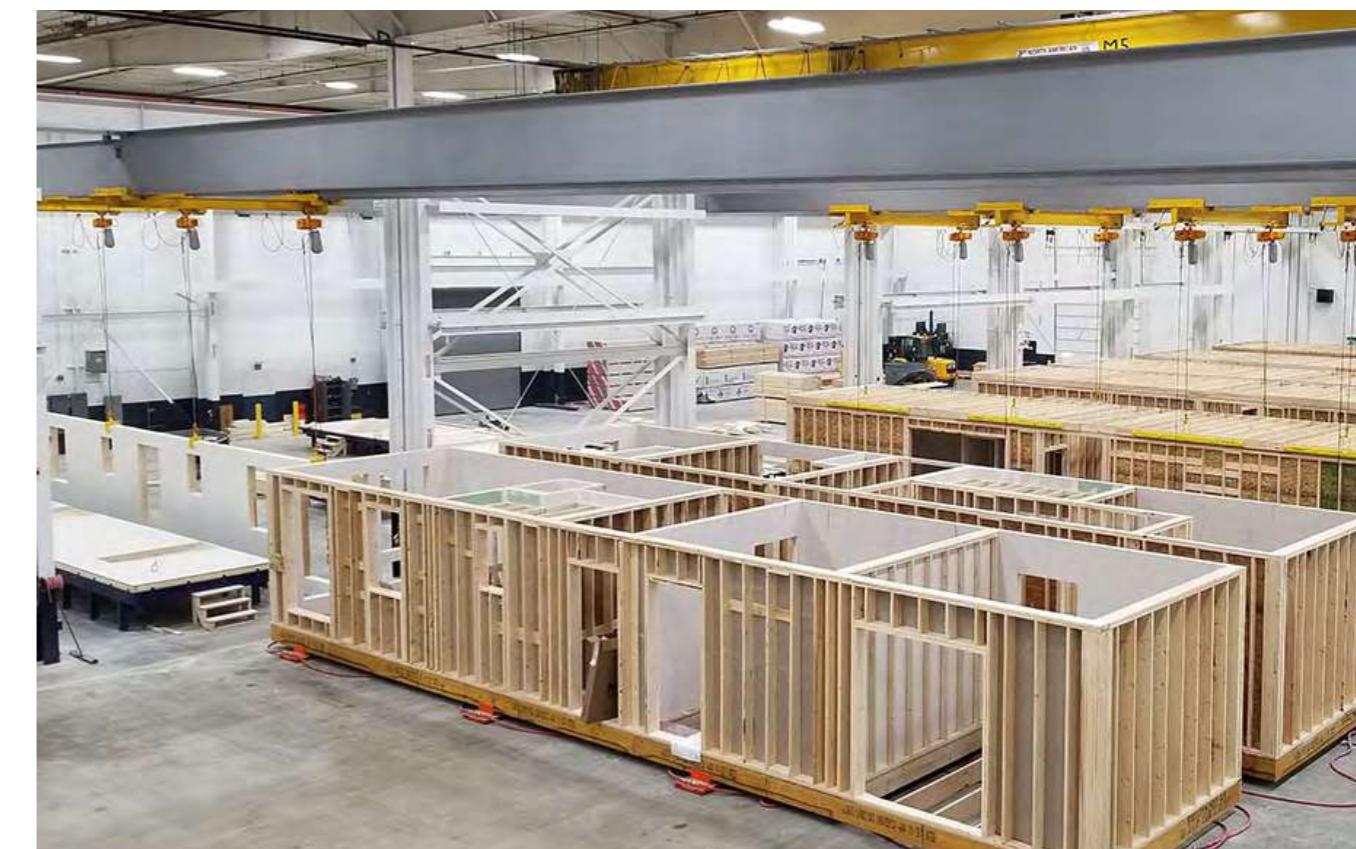
SI42 is an armored super strong nano particle textured 2-component thermal insulation paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

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 300°C. suitable for making walls fire retardant and is most best solution to make rooftops waterproof and heat reflective.
- Superior alternative for Epoxy flooring or repainting.
- Repaints of ceramic bathroom tiles or plastics
- Zero absorption, 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



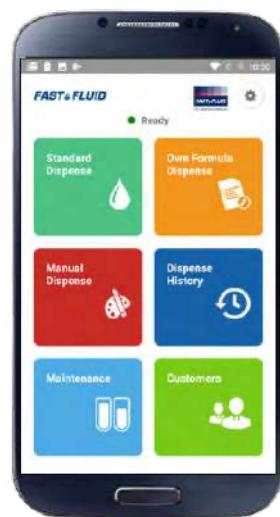
## Textured - Easy to Clean



## 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.



X-SMART  
Stabilizer plates

## 16 High Grade Coloring chemicals



Titanium White  
Masstone Tint 844-0061 4 L



Quinacridone Red  
Masstone Tint 844-0451 1 L



Scarlet Red  
Masstone Tint 844-0526 1 L



Lead Free Orange  
Masstone Tint 844-0982 1 L



Trans Red Oxide  
Masstone Tint 844-1054 1 L



Red Oxide  
Masstone Tint 844-1063 1 L



Burnt Umber  
Masstone Tint 844-1352 1 L



Trans Yellow Oxide  
Masstone Tint 844-1852 1 L



Yellow Oxide  
Masstone Tint 844-1863 1 L



Lead Free Med Yellow  
Masstone Tint 844-2555 1 L



Yellow  
Masstone Tint 844-2826 1 L



Organic Yellow  
Masstone Tint 844-2852 1 L



PHTHALO Green  
Masstone Tint 844-5558 1 L



Quinacridone Violet  
Masstone Tint 844-9451 1 L



Lamp Black  
Masstone Tint 844-9955 1 L

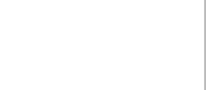
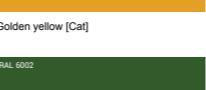
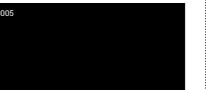


PHTHALO BLUE  
Masstone Tint 844-7262 1 L

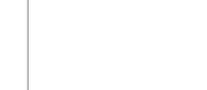
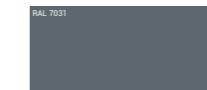
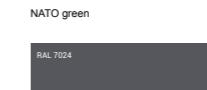
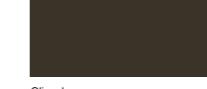
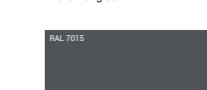
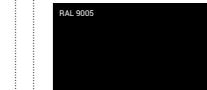
## Color card

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 5007
Cream white	Pearl light grey	Pastel blue
RAL 9002	RAL 9023	RAL 4009
Grey white	Pearl dark grey	Pastel 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 5025
Pure white	Ivory	Pearl gentian blue
RAL 9011	RAL 1015	RAL 6036
Graphite black	Light ivory	Pearl opal green
RAL 9016	RAL 9017	MAHOGANY braun

Wood		
SI11 Transparent Gloss 51/78 (20/60°)		
SI12 Transparent Matte 11/21 (20/60°)		
SI22 White Satin 33/59 (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°)		
Original		
Transparent		
Luminous yellow		
Traffic red		
Jet black		
Golden yellow [Cat]		
Leaf green [J.D Deere]		
Light grey		
Dark grey		
Silver grey		
Signal brown		
Pale brown		
Original		
Cool white		
Pure white		
Cream white		
Distant blue		
Traffic yellow		
Turquoise bleu		
Silver gray		
Light green		
Light grey		
Pure white		
Cream		
Beige		
Olive yellow		
Signal blue		
Very dark drap		
Original		
Fire red		
Transparent matte		
Burgundy		
Blue grey		
Bronze green		
Jet black		
NATO green		
Dark sea grey		
Graphite grey		
[RAF] Blue grey		
Desert sand		
Camo beige		
Dark grey camo		
Dark brown camo		
Ultramarine blue		
Olive drap		
Very dark drap		
Original		
Transparent		
Jet Black		
Signal Red		
Ultra marine blue		
Signal Grey		

## Other colors need minimal 100 kg

Marine		
SI12 Transparent Matte 11/21 (20/60°)		
SI1 Textured White Semi Gloss 41/69 (20/60°)		
SI33 Textured Black Semi Gloss 41/69 (20/60°)		
Original		
Cool white		
Pure white		
Cream white		
Platinum		
Jet black		
NATO green		
Dark sea grey		
Graphite grey		
[RAF] Blue grey		
Desert sand		
Camo beige		
Dark grey camo		
Dark brown camo		
Ultramarine blue		
Olive drap		
Very dark drap		
Original		
Fire red		
Transparent matte		
Burgundy		
Blue grey		
Bronze green		
Jet black		
Dark grey		
Light grey		
Pure white		
Cream		
Beige		
Sapphire blue		
Original		
Olive yellow		
Signal blue		
Very dark drap		
Original		
Transparent		
Jet Black		
Signal Red		
Ultra marine blue		
Signal Grey		

# SIX1

2-Component (2K)

## Primer Epoxy Polyamide

heavy duty - anti-corrosion



**Article Nr.** : SIX11250-WH/GR 1.25 L / 1.45 kg SIX15000-WH-GR 5 L / 5.8 kg

**Consumption** : 2 layers +/- 240 g/m<sup>2</sup> - 250 ml/m<sup>2</sup> 80 micron = 5 m<sup>2</sup>

**Reachable area** : 1 layer +/- 120 g/m<sup>2</sup> - 125 ml/m<sup>2</sup> 40 micron = 10 m<sup>2</sup>

**Hardness** : H5

**Colors** : White, Grey or RAL (RAL Minimum Order 250 pcs 5 L)

**Used on** : Concrete, Steel, Aluminium, Fiberglass and other organic surfaces

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



Fast Repaintable



Excellent adhesion

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



# SIX2

2-Component (2K)

## Primer Surfacer Acrylic Alkyd

smooth - surface modifier



**Article Nr.** : SIX21250-WH/GR 1.25 L / 1.45 kg SIX25000-WH/GR 5 L / 5.8 kg

**Consumption** : 2 layers +/- 200 g/m<sup>2</sup> - 210 ml/m<sup>2</sup> 60 micron = 6 m<sup>2</sup>

**Reachable area** : 1 layer +/- 100 g/m<sup>2</sup> - 105 ml/m<sup>2</sup> 30 micron = 12 m<sup>2</sup>

**Hardness** : H3

**Colors** : White, Grey

**Used on** : Steel, aluminium, wood, fiberglass, and old paint systems.

**Application area** : Buildings, hotels, private housing, etc.



Fast Repaintable



Excellent adhesion

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



# SIX3

2-Component (2K)

## Primer PU Wood Filler

surface modifier - absorbtion reducer

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

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



Fast Repaintable



Excellent adhesion



# SIX4

1-Component (1K)

## Primer Acrylic Waterbased

all surfaces modifier

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



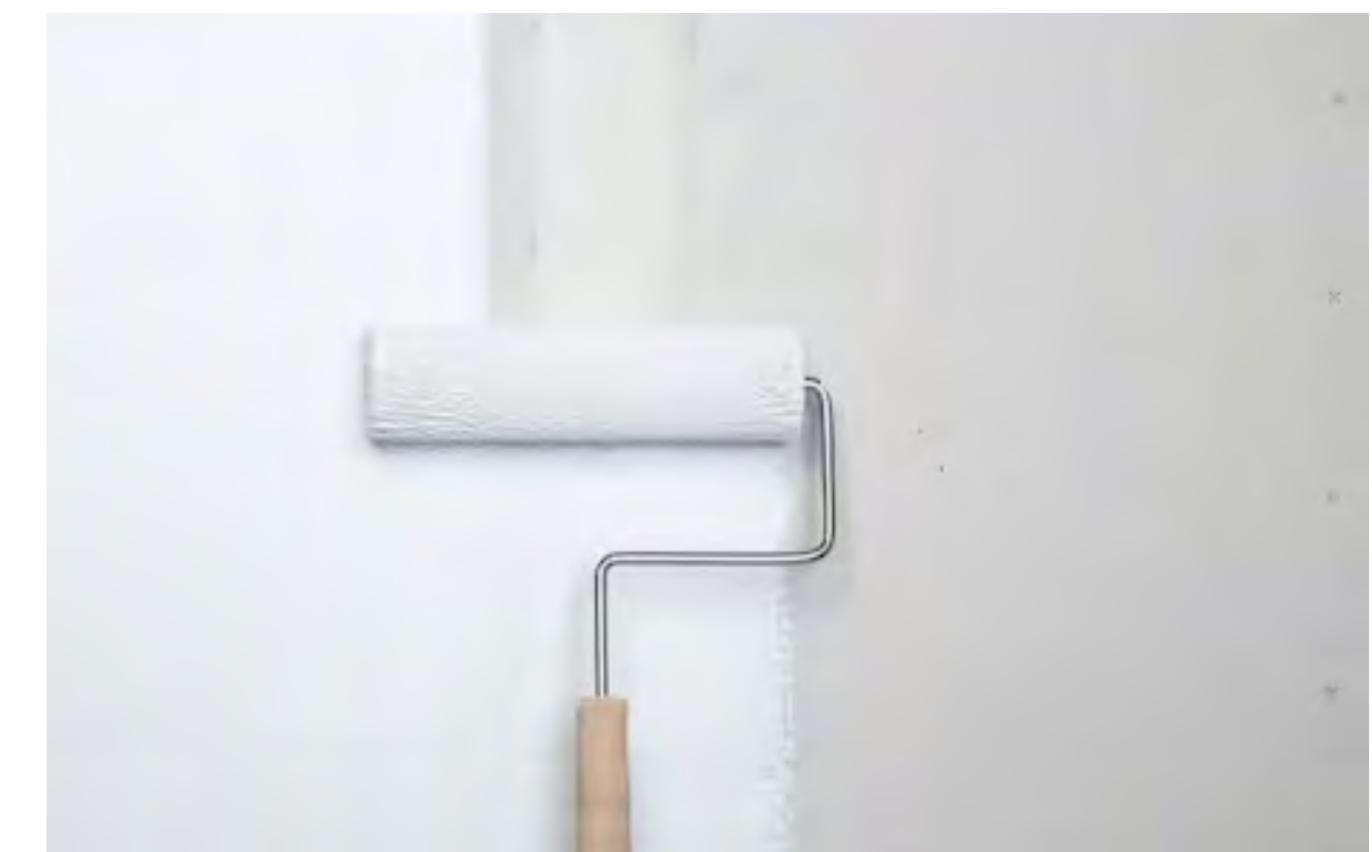
Fast Repaintable



Excellent adhesion



VOC Free



# SIX5

## **Putty Polyester**

<b>Article Nr.</b>	: SIX51000 1 kg
<b>Colors</b>	: Grey
<b>Used on</b>	: Metal, wood, fiberglass, concrete, plastics
<b>Application area</b>	: Buildings, marine, airports, offshore structures, bridges private housing, etc.



## Fast Repaintable



## Excellent adhesion

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



## Substrate Kit, Test, Touch and Feel



# Test Results



## Video Application



# SOLV

Thinner solvent

for all types of our ceramic paint & coating

**Article Nr.** : SOLV0400 400 ml / 345 g SOLV2000 2 L / 1.760 g SOLV5000 5 L / 4.400bg



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 400 ml / 345 g ACCL0200 200 ml / 180 g

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

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

### Outfit/Applicators:



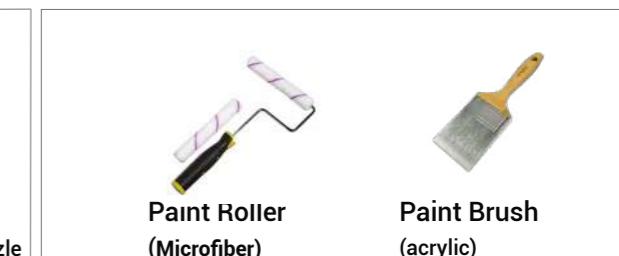
Paint Suit



Nitrile gloves



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



Paint Roller (Microfiber)  
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. A zinc rich primer can be used 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!**

### The 2-Component Permanent Coating System

Mix the can SI11B-SI12B-SI31B with the can of SI11A-SI12A-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-SI22B-SI41B-SI42 B with the can of SI21A-SI22A-SI41A-SI42A 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 your desired thickness. Depending on the surface, material and structure, different application techniques can be used (such as paint rollers or brushes). Let the surface dry for 24 hours. It is touch-dry in 1 hours, after 4 hours, 85% cured, and the remaining 15% (transformation into ceramics) is fully cured after 7 days. Be aware that the mixed contents cannot be stored longer than 3 hours. The surface can simply be maintained with a high pressure washer at 80 bar using our biologically degradable Reactivating Shampoo SHRE.

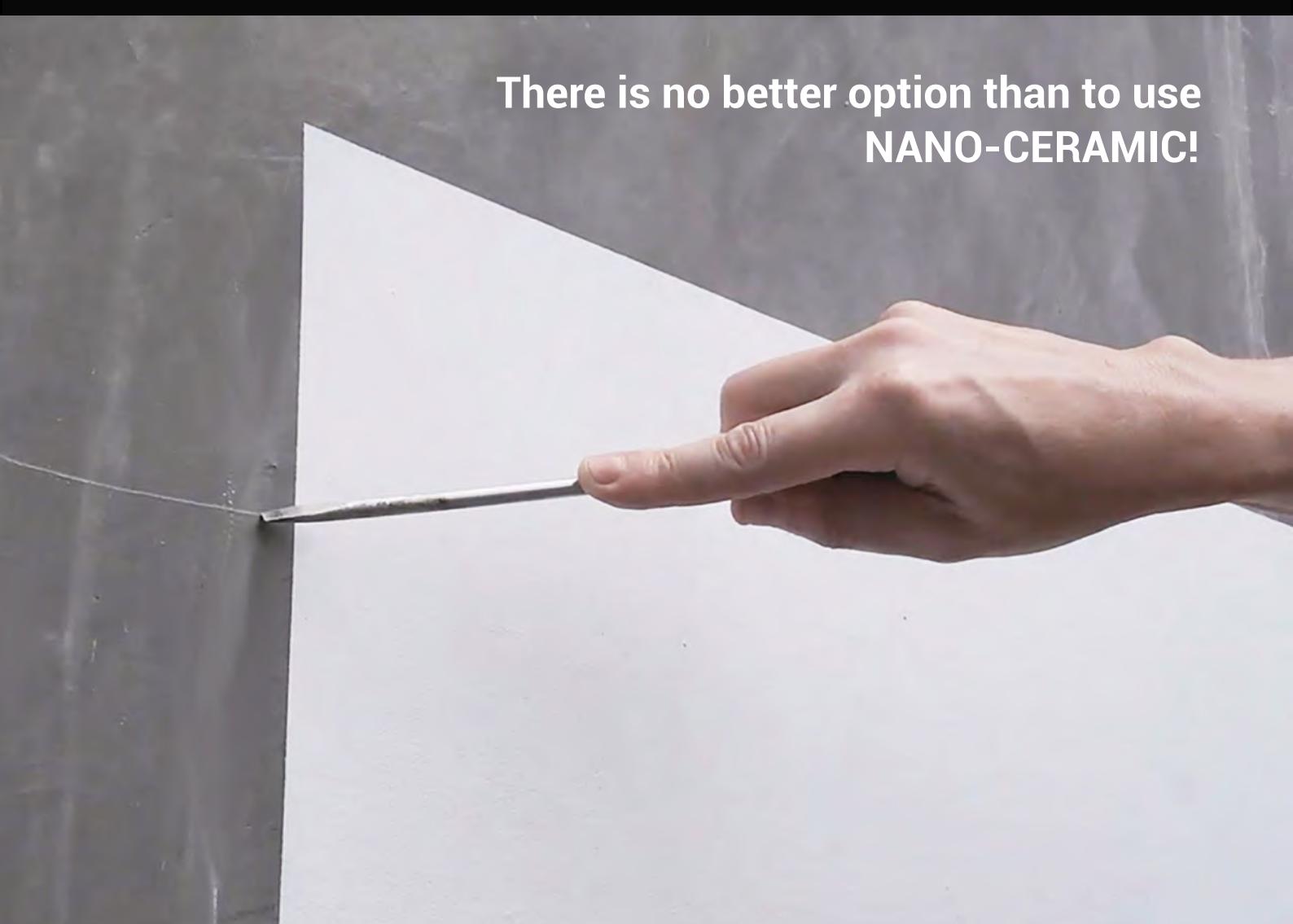
### Tool cleaning

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

# NANO-CERAMIC®

WWW.NANO-CERAMIC.COM THE NEXT GENERATION 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**