

# NANO-CERAMIC®

WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS



**12** YEARS  
WARRANTY

**Buildings** Permanent Coating System

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## 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.

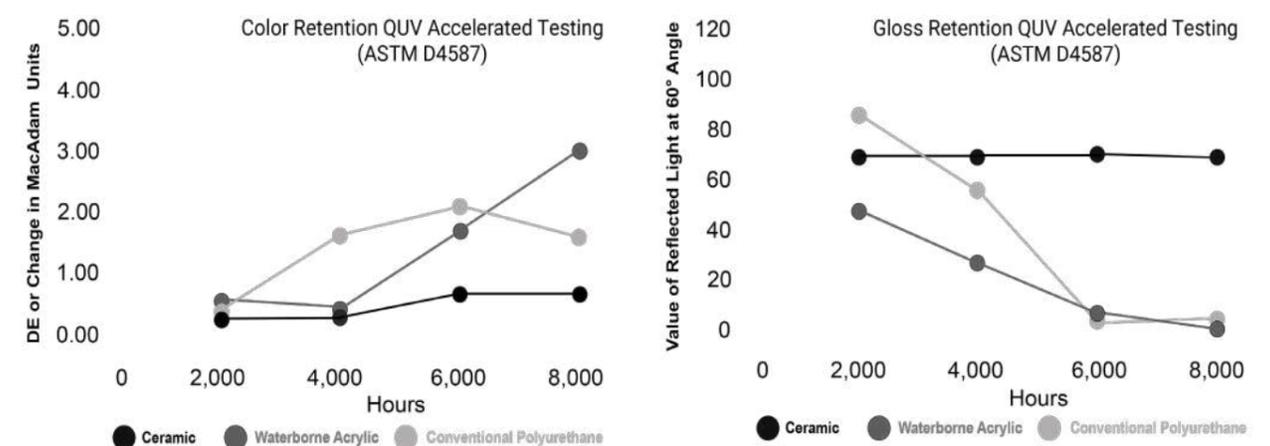
Our Coolest White Paint shields your house by blocking sunlight (passive cooling by +/- 42°F), which effectively can reduce annual electricity cost and greenhouse gases.

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<br>walls ceilings | Acrylic<br>walls floors | Epoxy<br>floors | Polyurethane<br>waterproofing | CERAMIC®<br>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>140°F</b>                    | <b>196°F</b>            | 350°F           | 505°F                         | 550°F                    |
| 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 158°F                | <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    | <b>&lt;7</b>                    | <b>&lt;7</b>            | <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 Transparent**  
for semi gloss surfaces  
SI312000 (2K) 30 Years+  
67oz / 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

# 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

|                         |  |
|-------------------------|--|
| <b>Product ID</b>       | : SI112000 67 oz / 4.2 lbs Transparent Gloss   |
| <b>Consumption</b>      | : 3 layers 0.06 lbs/ft <sup>2</sup> - 0.96 oz/ ft <sup>2</sup> = 3 mil/ 70 ft <sup>2</sup>                               |
| <b>Reachable area</b>   | : 2 layers 0.04 lbs/ft <sup>2</sup> - 0.64 oz/ ft <sup>2</sup> = 2 mil/140 ft <sup>2</sup>                               |
|                         | : 1 layer 0.02 lbs/ft <sup>2</sup> - 0.32 oz/ ft <sup>2</sup> = 1 mil/210 ft <sup>2</sup>                                |
| <b>Hardness</b>         | : H9   |
| <b>Used on</b>          | : Fiberglass, Aluminium, Steel Stone, Marble, Wood, Ceramics, Fiberglass, etc  |
| <b>Application area</b> | : 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

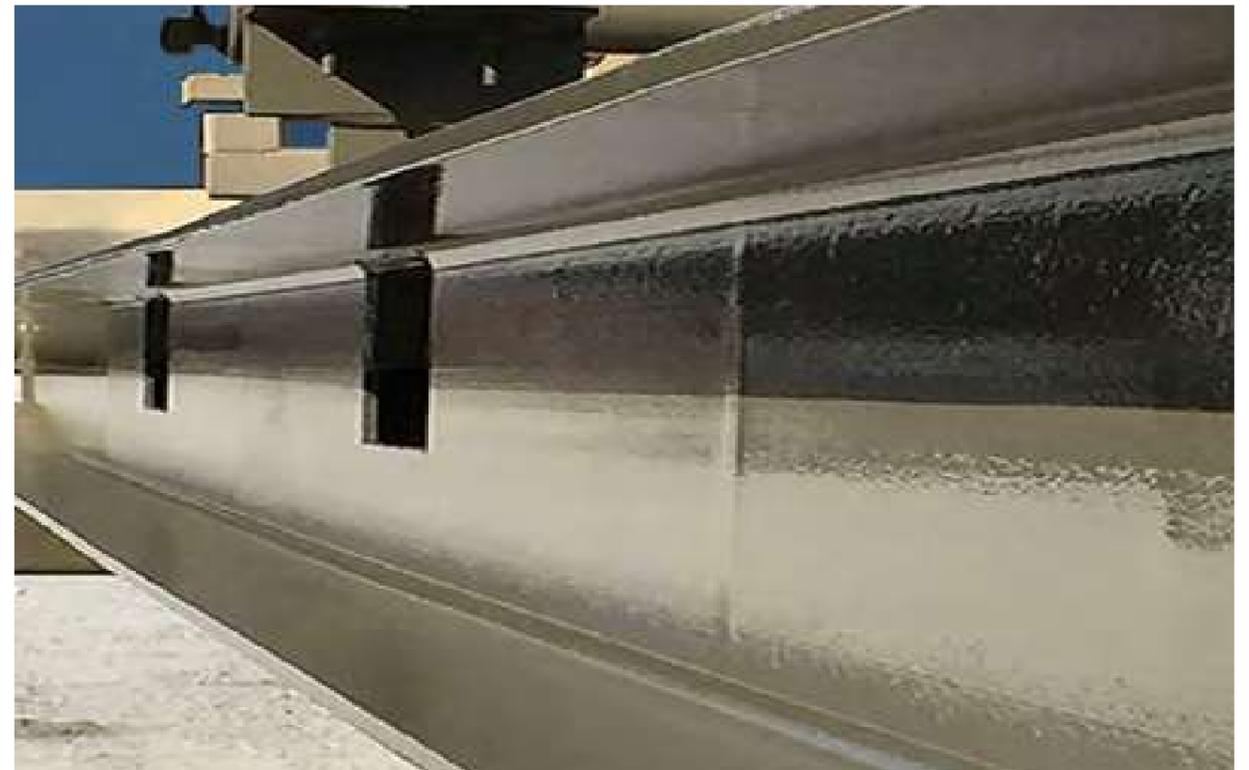
Expected Life Duration up to 30 years+



How to use: Page 37



## Super Strong - Anti-Corrosion



# SI12

2-Component (2K)

## Topcoat Transparent for matte surfaces

|                         |  |
|-------------------------|--|
| <b>Product ID</b>       | : SI120000 67 oz / 4.4 lbs Transparent Matte   |
| <b>Consumption</b>      | : 3 layers 0.06 lbs/ft <sup>2</sup> - 0.96 oz/ ft <sup>2</sup> = 3 mil/ 70 ft <sup>2</sup>                               |
| <b>Reachable area</b>   | : 2 layers 0.04 lbs/ft <sup>2</sup> - 0.64 oz/ ft <sup>2</sup> = 2 mil/140 ft <sup>2</sup>                               |
|                         | : 1 layer 0.02 lbs/ft <sup>2</sup> - 0.32 oz/ ft <sup>2</sup> = 1 mil/210 ft <sup>2</sup>                                |
| <b>Hardness</b>         | : H9   |
| <b>Used on</b>          | : Fiberglass, Aluminium, Steel Stone, Marble, Wood, Ceramics, Fiberglass, etc  |
| <b>Application area</b> | : Buildings, airports, offshore structures, bridges, tunnels, swimmingpool, stairs, hotels, floors, 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 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+



How to use: Page 37



## Super Strong - Self Cleaning



# SI31

2-Component (2K)

## Topcoat Textured Transparent for semi gloss surfaces

|                         |   |
|-------------------------|---|
| <b>Product ID</b>       | : SI312000 67oz / 4.6 lbs Transparent Gloss   |
| <b>Consumption</b>      | : 3 layers 0.050 lbs/ft <sup>2</sup> - 0.76 oz/ ft <sup>2</sup> = 3 mil/ 90 ft <sup>2</sup>                                     |
| <b>Reachable area</b>   | : 2 layers 0.033 lbs/ft <sup>2</sup> - 0.51 oz/ ft <sup>2</sup> = 2 mil/180 ft <sup>2</sup>                                     |
|                         | : 1 layer 0.017 lbs/ft <sup>2</sup> - 0.25 oz/ ft <sup>2</sup> = 1 mil/270 ft <sup>2</sup>                                      |
| <b>Hardness</b>         | : H9  |
| <b>Used on</b>          | : Fiberglass, Aluminium, Steel, Concrete, Stone,<br>Marble, Wood, Ceramics  |
| <b>Application area</b> | : Buildings, airports, offshore structures, bridges,<br>tunnels, swimmingpool, stairs, hotels, floors,<br>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.

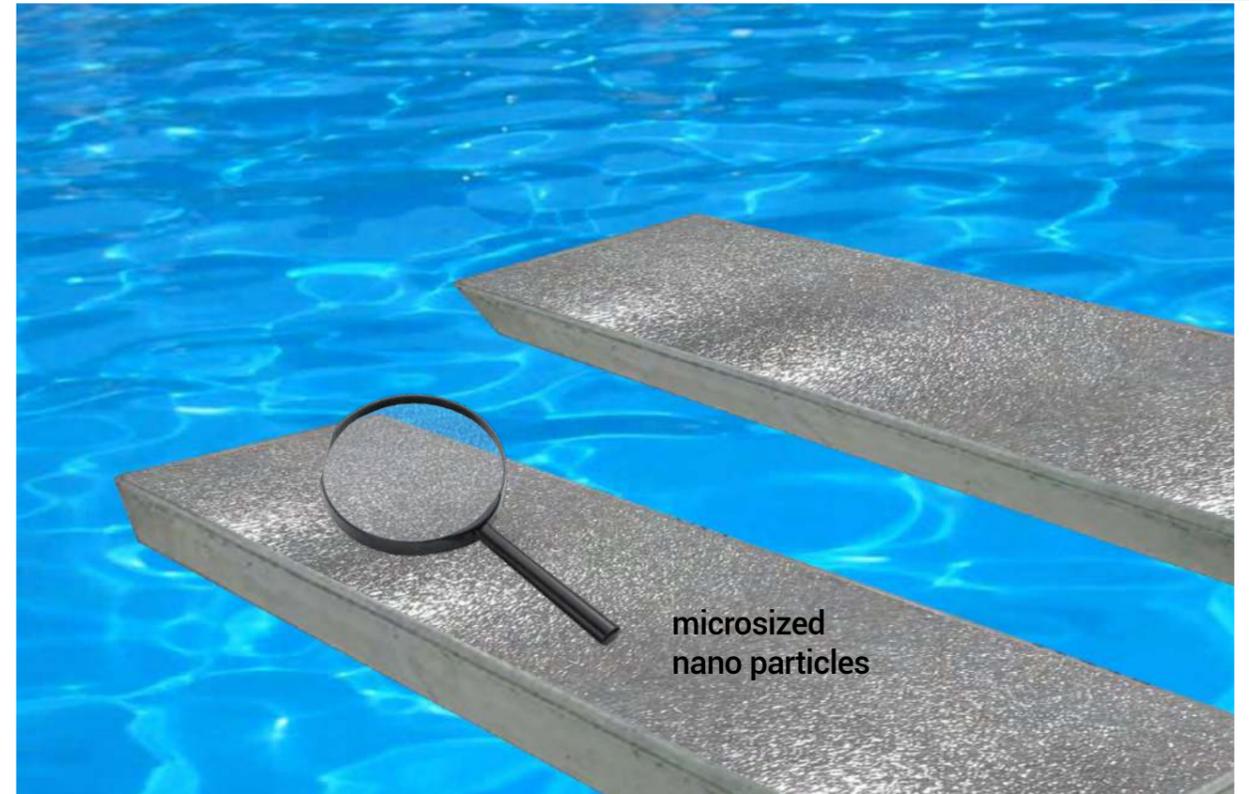
Three simple steps: Clean, Dry, and Apply.

- 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



## 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 / 2 lbs
-  Thermal Shock-Resistant
-  Protects your investment

# SI21

2-Component (2K)

## Paint Strongest White for glossy surfaces

|                         |  |
|-------------------------|--|
| <b>Product ID</b>       | : SI212000 67 oz / 5.3 lbs   |
| <b>Consumption</b>      | : 3 layers 0.044 lbs/ft <sup>2</sup> - 0.56 oz/ ft <sup>2</sup> = 3 mil/120 ft <sup>2</sup>                              |
| <b>Reachable area</b>   | : 2 layers 0.030 lbs/ft <sup>2</sup> - 0.37 oz/ ft <sup>2</sup> = 2 mil/160 ft <sup>2</sup>                              |
|                         | : 1 layer 0.014 lbs/ft <sup>2</sup> - 0.19 oz/ ft <sup>2</sup> = 1 mil/240 ft <sup>2</sup>                               |
| <b>Hardness</b>         | : H8   |
| <b>Used on</b>          | : Gelcoat, fiberglass, steel, aluminium, plastics, wood, concrete , etc  |
| <b>Application area</b> | : Buildings, airports, offshore structures, bridges, tunnels, swimmingpool, stairs, hotels, floors, private housing, etc |



How to use: Page 37

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 absorption, waterproof.

Expected Life Duration up to 30 years+



## Anti-Scratch - Repaint Epoxy



# SI22

2-Component (2K)

## Paint Strongest White for satin surfaces

|                         |  |
|-------------------------|--|
| <b>Product ID</b>       | : SI220000 67 oz / 5.5 lbs   |
| <b>Consumption</b>      | : 3 layers 0.044 lbs/ft <sup>2</sup> - 0.56 oz/ ft <sup>2</sup> = 3 mil/120 ft <sup>2</sup>                              |
| <b>Reachable area</b>   | : 2 layers 0.030 lbs/ft <sup>2</sup> - 0.37 oz/ ft <sup>2</sup> = 2 mil/160 ft <sup>2</sup>                              |
|                         | : 1 layer 0.014 lbs/ft <sup>2</sup> - 0.19 oz/ ft <sup>2</sup> = 1 mil/240 ft <sup>2</sup>                               |
| <b>Hardness</b>         | : H8   |
| <b>Used on</b>          | : Gelcoat, fiberglass, steel, aluminium, plastics, wood, concrete , etc  |
| <b>Application area</b> | : 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 absorbtion, waterproof.

Expected Life Duration up to 30 years+



How to use: Page 37



## Superb adhesion - Repaint Epoxy



# SI13

2-Component (2K)

## Paint Coolest White for egg-shell surfaces

|                         |   |
|-------------------------|---|
| <b>Product ID</b>       | : SI132000 67 oz / 7.3 lbs White  |
| <b>Consumption</b>      | : 2 layers 0.06 lbs/ft <sup>2</sup> - 0.58 oz/ ft <sup>2</sup> = 3.5 mil/120 ft <sup>2</sup>  |
| <b>Reachable area</b>   | : 1 layer 0.03 lbs/ft <sup>2</sup> - 0.29 oz/ ft <sup>2</sup> = 1.8 mil/240 ft <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 walls and ceilings, wood, gypsum, indoors, and outdoor overhang ceilings |
| <b>Application area</b> | : 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 37



## Passive Cooling - Reflective



# SI15

1-Component (1K)

## Paint Coolest White for egg-shell surfaces

|                         |  |
|-------------------------|--|
| <b>Article Nr.</b>      | : SI152000 67 oz / 6.6 lbs White   |
| <b>Consumption</b>      | : 2 layers 0.054 lbs/ft <sup>2</sup> - 0.48 oz/ft <sup>2</sup> = 3.5 mil/120 ft <sup>2</sup>   |
| <b>Reachable area</b>   | : 1 layer 0.027 lbs/ft <sup>2</sup> - 0.24 oz/ft <sup>2</sup> = 1.8 mil/240 ft <sup>2</sup>  |
| <b>Viscosity</b>        | : 20   |
| <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 outdoor overhang ceilings |
| <b>Application area</b> | : Buildings, airports, offshore structures, bridges, tunnels, hotels, private housing, etc.  |



How to use: Page 37

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.

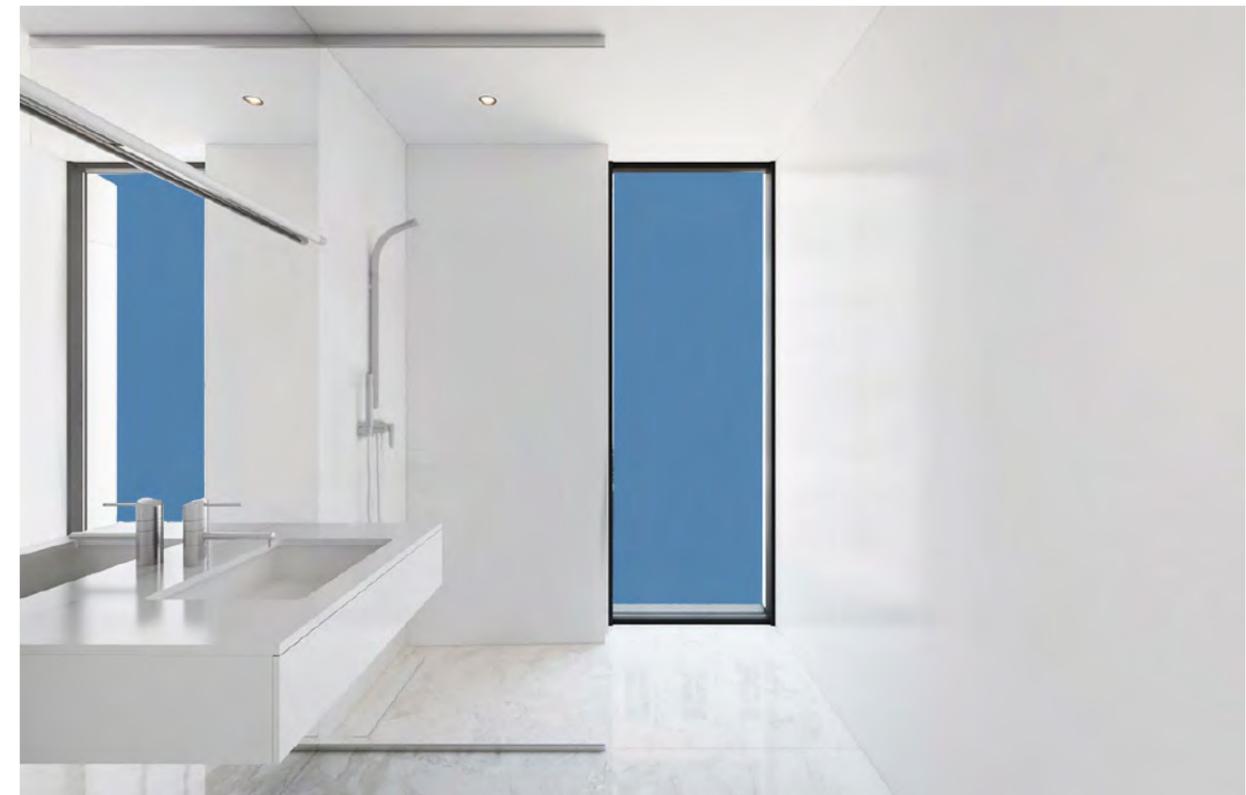
- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand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

|                         |  |
|-------------------------|--|
| <b>Article Nr.</b>      | : SI412000 67 oz / 5.3 lbs   |
| <b>Consumption</b>      | : 3 layers 0.049 lbs/ft <sup>2</sup> - 0.68 oz/ ft <sup>2</sup> = 4.2 mil/120 ft <sup>2</sup>              |
| <b>Reachable area</b>   | : 2 layers 0.033 lbs/ft <sup>2</sup> - 0.46 oz/ ft <sup>2</sup> = 2.8 mil/160 ft <sup>2</sup>              |
|                         | : 1 layer 0.016 lbs/ft <sup>2</sup> - 0.22 oz/ ft <sup>2</sup> = 1.4 mil/240 ft <sup>2</sup>               |
| <b>Hardness</b>         | : H9   |
| <b>Used on</b>          | : Concrete Gelcoat, fiberglass, steel, aluminium, plastics, wood, radiator pipes, virtually any surface.   |
| <b>Application area</b> | : 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

|                         |  |
|-------------------------|--|
| <b>Article Nr.</b>      | : SI422000 67 oz / 5.5 lbs   |
| <b>Consumption</b>      | : 3 layers 0.049 lbs/ft <sup>2</sup> - 0.68 oz/ ft <sup>2</sup> = 4.2 mil/120 ft <sup>2</sup>              |
| <b>Reachable area</b>   | : 2 layers 0.033 lbs/ft <sup>2</sup> - 0.46 oz/ ft <sup>2</sup> = 2.8 mil/160 ft <sup>2</sup>              |
|                         | : 1 layer 0.016 lbs/ft <sup>2</sup> - 0.22 oz/ ft <sup>2</sup> = 1.4 mil/240 ft <sup>2</sup>               |
| <b>Hardness</b>         | : H9   |
| <b>Used on</b>          | : Concrete Gelcoat, fiberglass, steel, aluminium, plastics, wood, radiator pipes, virtually any surface.   |
| <b>Application area</b> | : Buildings, marine, airports, offshore structures, bridges, tunnels, hotels, floors private housing, etc. |

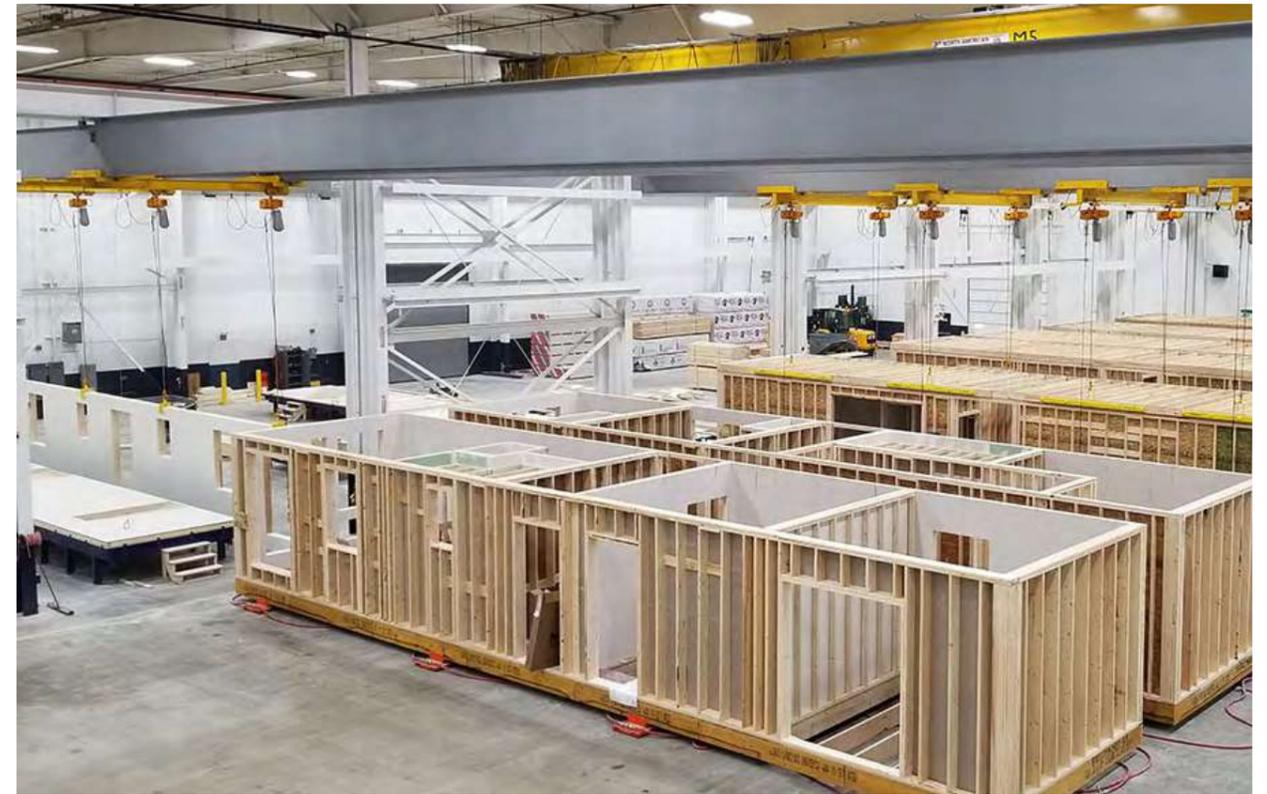
SI42 is an armored super strong nano particle textured 2-component thermal insulation paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

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 Epoxy flooring or repaints .
- 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**



## Shields Noise and EMI-RF interference



# 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

# Other colors need minimal 220lbs

**Residential**

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

Original

Cool white

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

Brownbeige

RAL 1013

Pearl white

RAL 1014

Ivory

RAL 1015

Light Ivory

RAL 9017

Traffic black

RAL 3015

Light pink

RAL 6007

Pastel blue

RAL 4009

Pastell violet

RAL 6027

Light green

RAL 7000

Squirl grey

RAL 1036

Pearl gold

RAL 8029

Pearl copper

RAL 4012

Pearl blackberry

RAL 6025

Pearl gentian blue

RAL 6036

Pearl opal green

RAL 8016

Mahogany braun

**Wood**

SI11 Transparent Gloss 51/78 (20/60")

SI12 Transparent Matte 11/21 (20/60")

SI11 Transparent

SI11 Light

SI11 Nut

SI11 Colonial

**Industrial**

SI11 Transparent Gloss 51/78 (20/60")

SI21 White Gloss 49/77 (20/60")

SI22 White Satin 33/59 (20/60")

Transparent

RAL 1026

Lumious yellow

RAL 3020

Traffic red

RAL 9005

Jet black

RAL 1004

Golden yellow [Cat]

RAL 6002

Leaf green [J.D Deere]

RAL 7035

Light grey

RAL 7011

Dark grey

RAL 7003

Silver grey

RAL 8002

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 9023

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

**Military**

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

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

Original

Fire red

RAL 3000

Burgundy

RAL 7036

Platinum

RAL 9005

Jet Black

RAL 9019

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

**Antifouling**

SI14 Color 3141 (20/60")

Transparent

RAL 9008

Jet Black

RAL 3001

Signal Red

RAL 9002

Ultra marine blue

RAL 7004

Signal Grey

Light stone

RAL 6031

Bronze green

RAL 4451

Brunswick green

RAL 7016

Dark sea grey

RAL 5008

[RAF] Blue grey

Transparent matte

RAL 7031

Blue grey

RAL 9005

Jet black

RAL 6005

NATO green

RAL 7024

Graphite grey

RAL 1015

Desert sand

Dark grey camo

Camo beige

Dark brown camo

Olive drap

Very dark drap

# 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/ft<sup>2</sup> - 0.7 oz/ft<sup>2</sup> 80 micron = 50 ft<sup>2</sup>  
**Reachable area** : 1 layer +/- 0.26 lbs/ft<sup>2</sup> - 0.4oz z/ft<sup>2</sup> 40 micron = 100 ft<sup>2</sup>  
**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/ft<sup>2</sup> - 0.7 oz/ft<sup>2</sup> 60 micron = 60 ft<sup>2</sup>  
**Reachable area** : 1 layer +/- 0.22 lbs/ft<sup>2</sup> - 0.4 oz/ft<sup>2</sup> 30 micron = 120 ft<sup>2</sup>  
**Hardness** : H3  
**Colors** : White or Grey  
**Used on** : Steel, aluminium, wood, fiberglass, and old paint systems.  
**Application area** : Buildings, marine, airports, bridges

SIX2 High-quality 2K surfacer (two-component basecoat) for auto-refinish, marine, and industrial coating applications where a smooth surface is required. The primer has excellent adhesion to all organic substrates and to all of our ceramic topcoats. The primer can be applied at a relative humidity of 30-80% and can be painted over within 4 hours 85°F, 1 hours 140°F.



**Fast Repaintable**



**Excellent adhesion**



**VOC Free**



# SIX3

2-Component (2K)

## Primer PU Wood Filler

surface modifier - absorption reducer

- Product ID** : SIX31500 51 oz / 3.3 lbs  
**Consumption** : 2 layers +/- 0.40 lbs/ft<sup>2</sup> - 0.6 oz/ft<sup>2</sup> 60 micron = 80 ft<sup>2</sup>  
**Reachable area** : 1 layer +/- 0.20 lbs/ft<sup>2</sup> - 0.3 oz/ft<sup>2</sup> 30 micron = 120 ft<sup>2</sup>  
**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/ft<sup>2</sup> - 0.7 oz/ft<sup>2</sup> 80 micron = 50 ft<sup>2</sup>  
**Reachable area** : 1 layer +/- 0.26 lbs/ft<sup>2</sup> - 0.4 oz/ft<sup>2</sup> 40 micron = 100 ft<sup>2</sup>  
**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

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

**Instructions for use:**  
Make sure the surface is free from contamination and dirt. A dry, hot primer can be used in case of problems with the substrate or in concrete circumstances. The Primer should pass the ISO 8502-3/2005 adhesion test 5.  
Mix B1141800 (Coating) with B118200 (Activator), or mix in an exact ratio 5:1 NET WEIGHT using scale. The surface must be adequately dry before application. Apply 2K in two coats a thickness of approx. 75 microns (3 mil) after drying. Thickness is to be determined by ambient conditions.  
Let the surface dry for 24 hours. It is touch-dry in 1 hour, after 24 hours 95% cured and the remaining 5% (hardening) will completely be fully cured after 7 days. Be aware that the final color change will occur after 30 days.  
75-80 microns / 3.0 mil covers 11.7-14m<sup>2</sup> / 125-140ft<sup>2</sup>  
Content: 1.8L / 60oz [NET WT: 1.73 kg / 3.8 LBS]

**WARNING!**  
EXPLOSIVE MIXTURE  
FLAMMABLE LIQUID  
VAPOR AND SPRAY MIST HARMFUL  
EXPOSURE MAY CAUSE LUNG DAMAGE, ALLERGENIC REACTION OR RESPIRATORY REACTION. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN, NOSE AND THROAT IRRITATION.

**2K CERAMIC COATING**  
Super Durable Utilizes Nano-Technology  
UV / Chemical / 300°C / 600°F Resistant

Perfect adhesion on:  
Fiberglass, Epoxy, Aluminum, Steel, Concrete, Stone, Wood, Acrylic, Copper.  
Content:  
Epoxy Resin, PTFE Additive, Quaternary Amine  
Finish: Glossy  
Sheet: 5178 (2019)

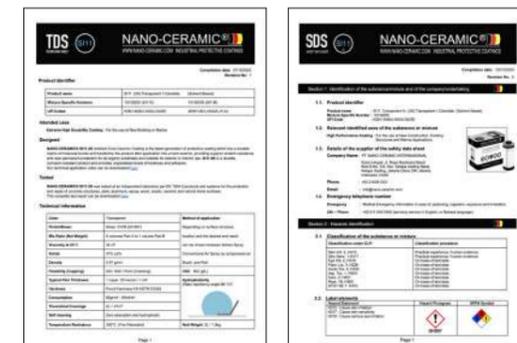
**Perfect adhesion on:**  
Fiberglass, Epoxy, Aluminum, Steel, Concrete, Stone, Wood, Acrylic, Copper.  
Content:  
Epoxy Resin, PTFE Additive, Quaternary Amine  
Finish: Glossy  
Sheet: 5178 (2019)

**TDS SDS**

**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!**

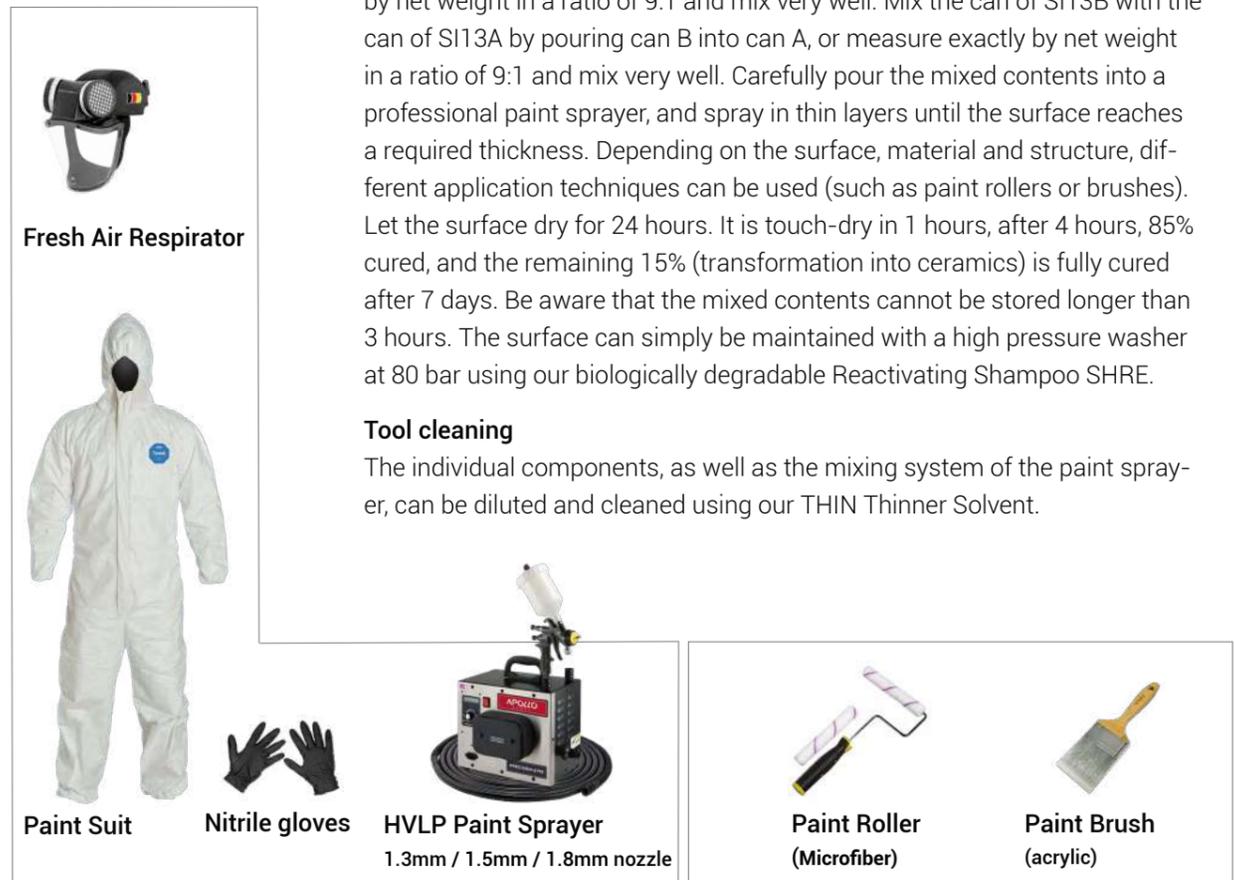
### The 2-Component Permanent Coating System

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:

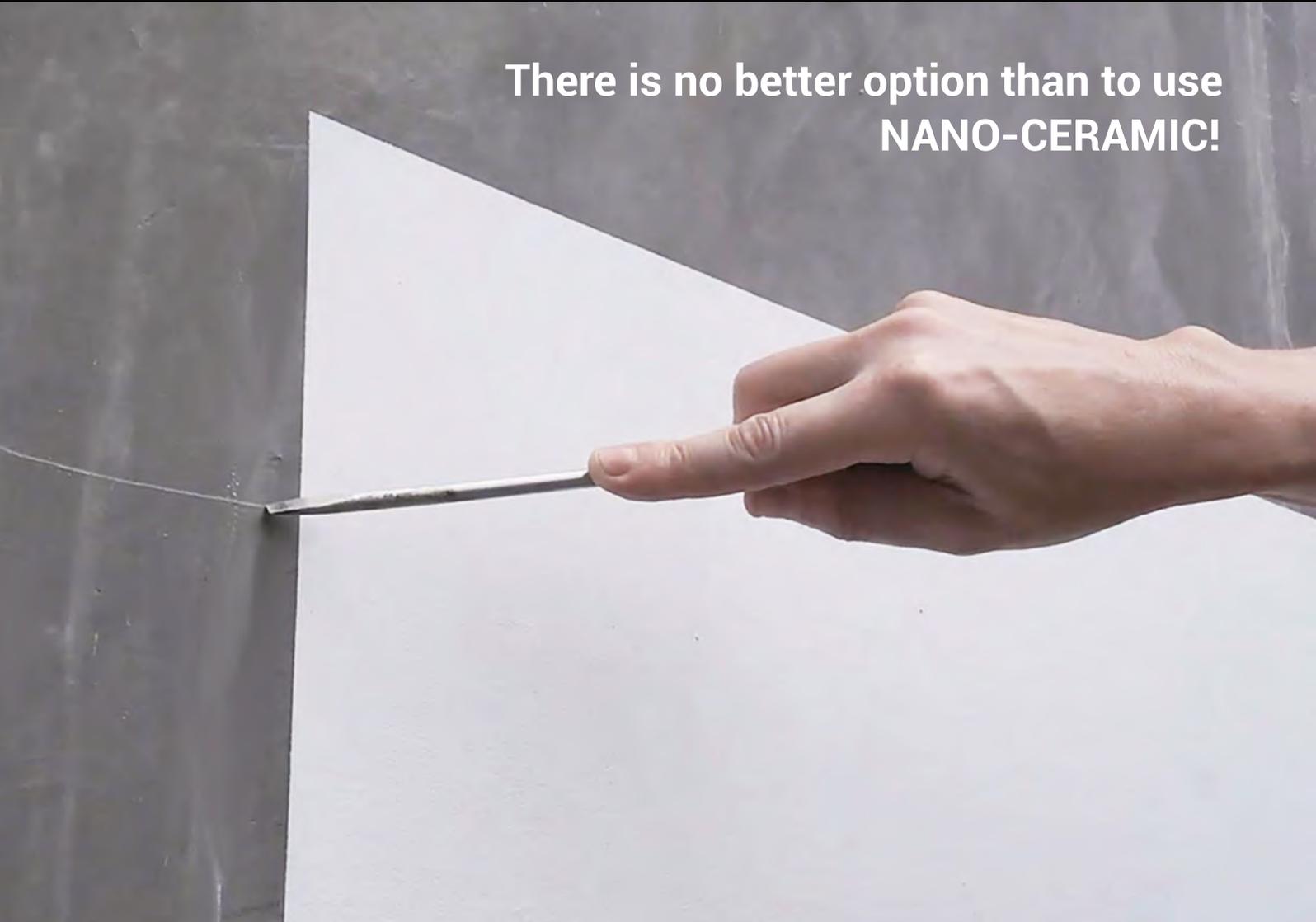


# NANO-CERAMIC®



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**