

# 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?

The NANO-CERAMIC Permanent Coating System is the latest generation of protective coatings, transforming paint into a hard ceramic layer that provides superior scratch resistance and near-permanent protection for both exterior and interior surfaces.

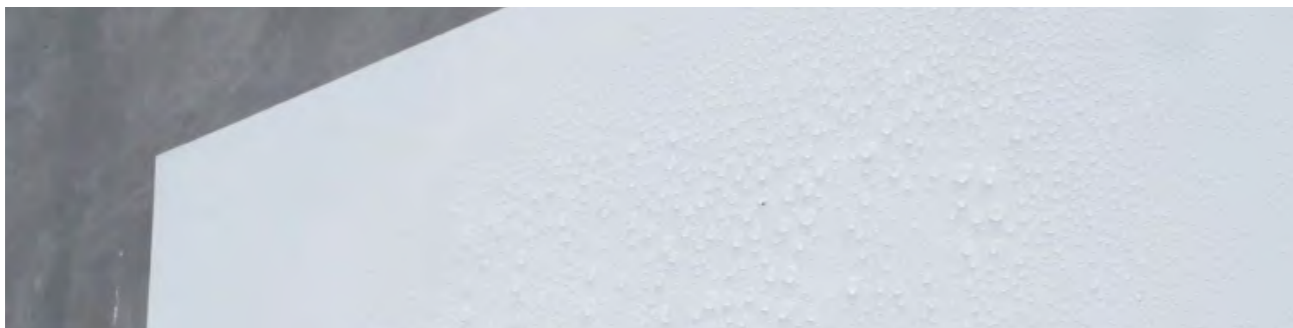
The NANO-CERAMIC® Permanent Coating System is resistant to temperatures up to 550°F (PFAS-free) and is more than four times stronger than traditional acrylic-based paint finishes. It effectively prevents damage that would otherwise compromise the appearance

## Zero maintenance for decades to come!

Our NANO-CERAMIC Permanent Coating System has been rigorously tested by an independent laboratory in accordance with the European standard for outdoor coatings (EN 1504-2), as detailed in our separate test report.

## Can the NANO-CERAMIC Permanent Coating System be applied to any surface?

The NANO-CERAMIC Permanent Coating System can be applied directly or indirectly to a wide range of interior and/or exterior surfaces (both absorbent and non-absorbent), including concrete, steel, wood, acrylic, gypsum, and many more.



## Is the NANO-CERAMIC Permanent Coating System self-cleaning?

The NANO-CERAMIC Permanent Coating System provides a hydrophobic surface that is self-cleaning, easier to clean, and stays cleaner longer, as water and dirt cannot penetrate the ceramic layer. The system is also resistant to water vapor and water absorption.

## Hotter cities from climate change—can NANO-CERAMIC cool your home?

NANO-CERAMIC Revolutionary Coolest White Paint reflects up to 80% of the sun's rays—stopping heat before it even enters your building.

Engineered with advanced nanotechnology, it delivers passive cooling of up to  $\pm 42^{\circ}\text{F}$ , protecting surfaces from extreme temperatures while creating a noticeably cooler indoor environment.

This high-performance reflective coating reduces heat buildup on roofs and walls, minimizing thermal stress, preventing surface degradation, and extending the lifespan of construction materials.

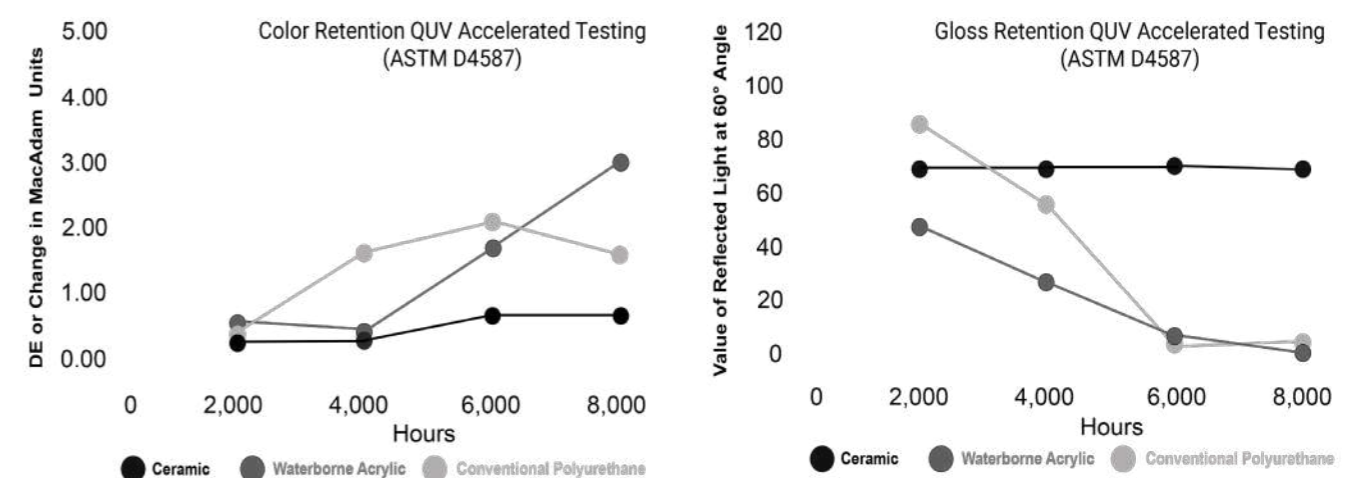
By lowering indoor temperatures, it significantly reduces reliance on air conditioning—cutting electricity costs, improving energy efficiency, and reducing greenhouse gas emissions.

## Other paints are simply not suitable for long-term harsh outdoor environments.

To avoid long-term property deterioration—like concrete rot, cracking, peeling, and fading from short-life conventional paints that require frequent repainting—our Permanent Coating System offers a superior, long-term solution.

The result: fewer repairs, lower lifetime costs, and lasting protection that preserves your property's value for decades.

## Superior in Color & Gloss Retention



## A special selection of high-grade tinting chemicals, computer-dispersed in a superior ceramic resin.

Conventional gelcoats are typically based on epoxy or polyurethane resins, where the quality of the resin and pigments plays a critical role in the final performance.

Most have a lifespan of around 15 years, with issues such as reduced hardness, color and gloss retention (UV fading), and inconsistent quality due to manual mixing being common challenges in maintaining an aesthetically pleasing finish.

## Quality Comparison of paints technologies

Text shown in bold indicates existing quality shortcomings.

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>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 Strenght 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



**Topcoat Transparent Textured**  
for flat matte surfaces  
SI352000 (1K) 20+ Years  
67 oz / 4.4 lbs

Page 22



**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 24



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

Page 26



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

# Application examples



SI11/SI12



SI21/SI22



SI31/SI35



SI41/SI42



SI13/SI15

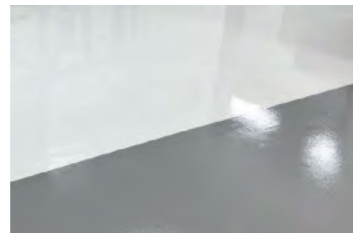


SI14

# Protect every surface for decades to come



WATERPROOFING



SUBSTITUTE EPOXY



NON-SLIP



HEAT REJECTION



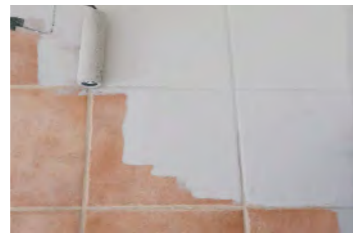
EXTERIORS



ANTIFOULING



TOPCOAT RENEWAL



CERAMIC RENEWAL



NON-SLIP



NON SLIP



INTERIORS



YACHTS



GRANITE



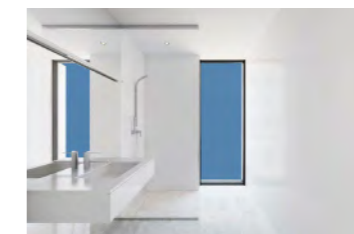
WOOD



STEEL PLATES



ISOLATION



BATHROOMS



SAILING BOATS



WOOD



POOLS



STAIRS



HOUSING



HALLWAYS



SLUICE WALLS



CONCRETE



BASEMENTS



CONCRETE



ISOLATION



INFRASTRUCTURE



SLUICE DOORS

# SI11 1

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



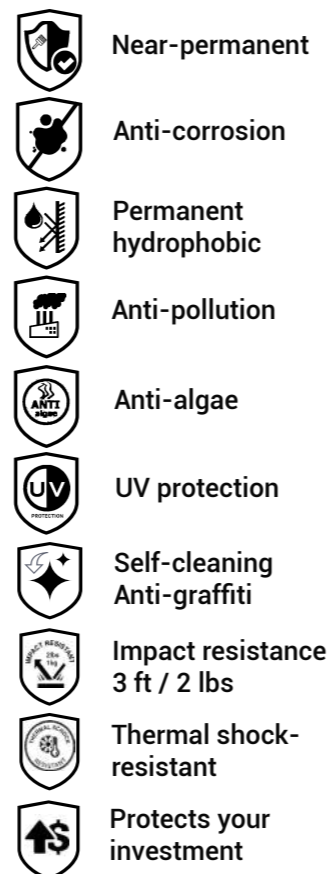
How to use: Page 38-39

SI11 is an incredibly strong 2-component coating system that forms a durable matrix of molecular bonds (transformation into ceramic), resulting in permanent protection of the surface.

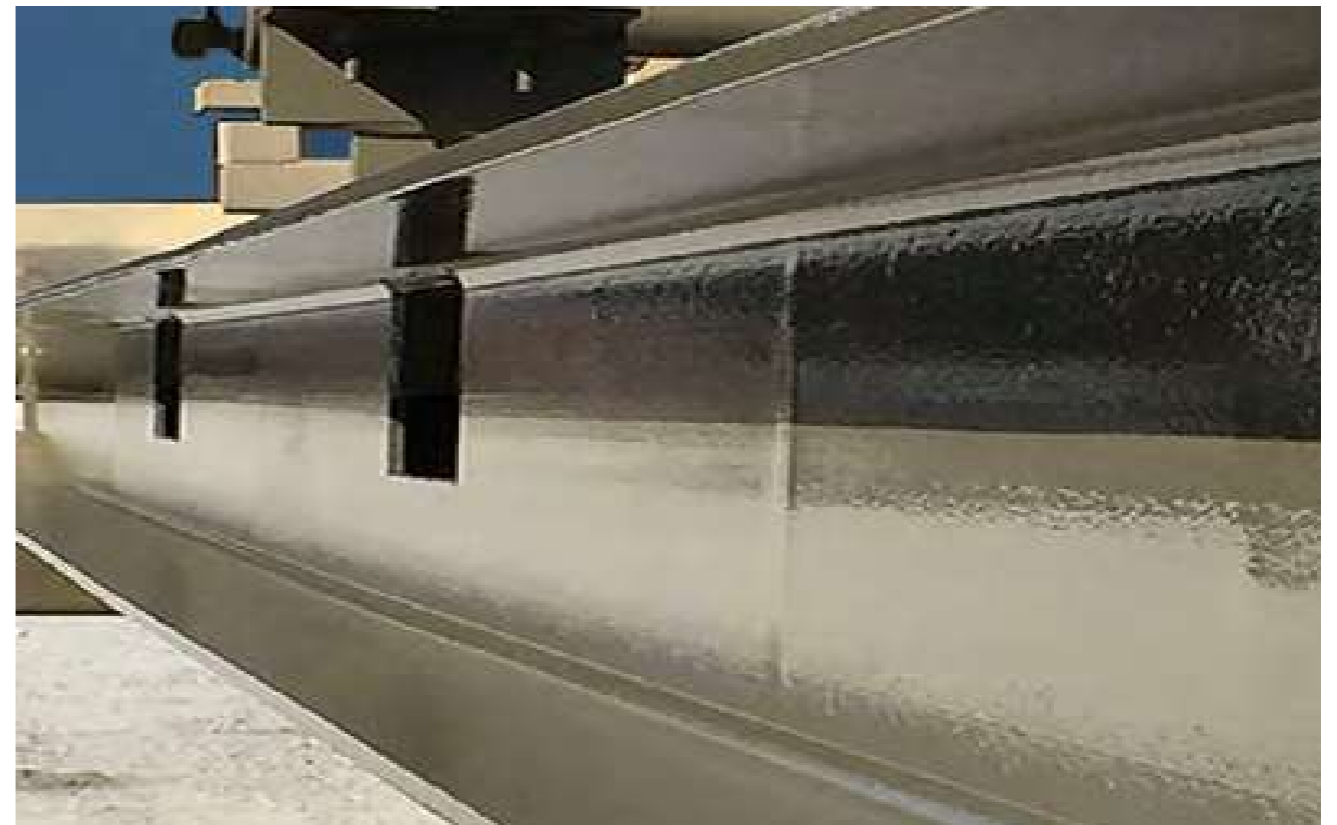
Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants
- This coating has an outstanding hydrophobic effect
- Restores damaged finishes and reduces cleaning intervals
- Resistant to all types of chemicals and UV radiation
- This coating does not absorb water
- Superior anti-pollution and anti-corrosion properties
- This coating can withstand temperatures of up to 600°F
- Ideal solution for long-lasting rooftop waterproofing.
- Ultimate protection for concrete and stone surfaces
- High-performance protection for steel surfaces, preventing degradation
- Powerful anti-graffiti protection

Expected lifespan of up to 30+ years



## 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



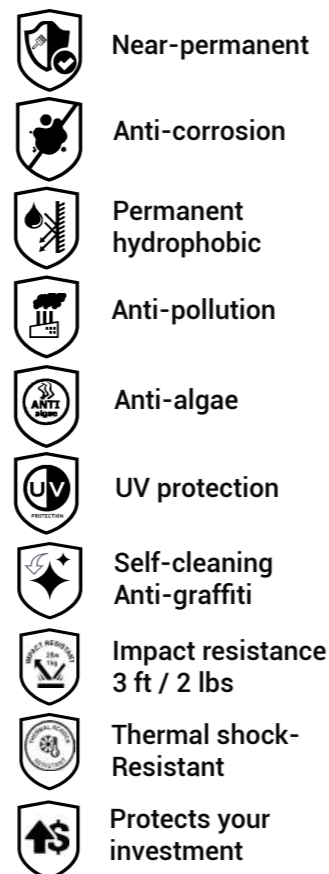
How to use: Page 38-39

SI12 is an incredibly strong 2-component coating system that forms a durable matrix of molecular bonds (transformation into ceramic), resulting in permanent protection of the surface.

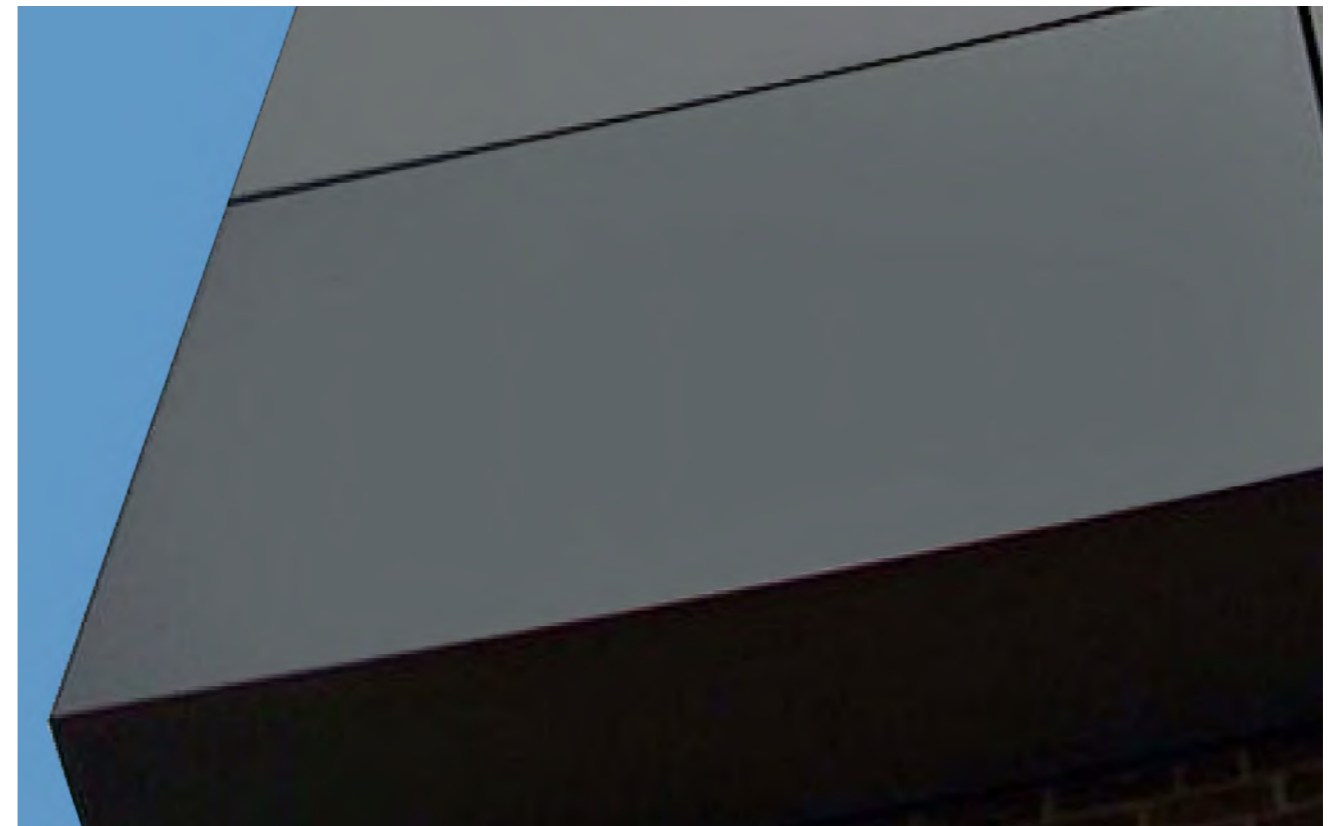
Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants
- This coating has an outstanding hydrophobic effect
- Restores damaged finishes and reduces cleaning intervals
- Resistant to all types of chemicals and UV radiation
- This coating does not absorb water
- Superior anti-pollution and anti-corrosion properties
- This coating can withstand temperatures of up to 600°F
- Ideal solution for long-lasting rooftop waterproofing.
- Ultimate protection for concrete and stone surfaces
- High-performance protection for steel surfaces, preventing degradation
- Powerful anti-graffiti protection

Expected lifespan of up to 30+ years



## Super Strong - Self Cleaning



# SI31

2-Component (2K)

## Topcoat Textured Transparent for semi gloss surfaces



How to use: Page 38-39

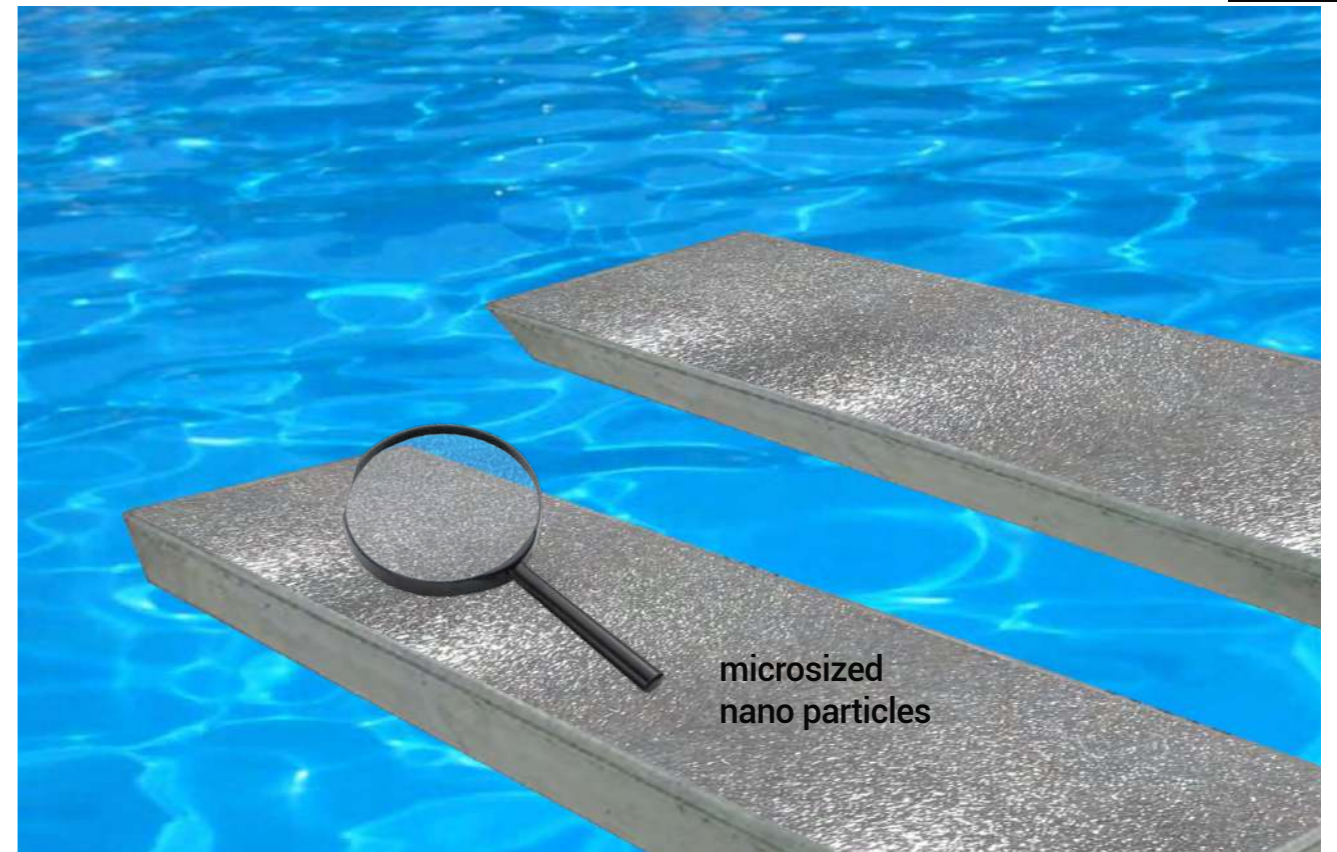
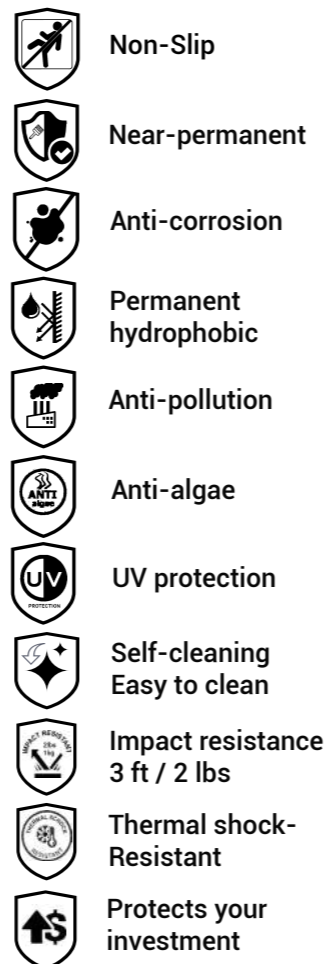
<b>Product ID</b>	: SI312000 67oz / 4.6 lbs Transparent Gloss
<b>Consumption</b>	: 3 layers $\pm$ 0.050 lbs/ft <sup>2</sup> - 0.76 oz/ ft <sup>2</sup> = 3 mil/ 90 ft <sup>2</sup>
<b>Reachable area</b>	: 2 layers $\pm$ 0.033 lbs/ft <sup>2</sup> - 0.51 oz/ ft <sup>2</sup> = 2 mil/180 ft <sup>2</sup>
	: 1 layer $\pm$ 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, Marble, Wood, Ceramics
<b>Application area</b>	: Buildings, airports, offshore structures, bridges, tunnels, swimming pools, stairs, hotels, floors, private housing, etc.

SI31 is an incredibly strong 2-component coating loaded with micro sized particles that forms a durable matrix of molecular bonds (transformation into 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.
- Recommended for stairs and slippery places indoor or outdoor

Expected lifespan of up to 30+ years



## Super Strong - Non-Slip



# 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 $\pm$ 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 $\pm$ 0.030 lbs/ft <sup>2</sup> - 0.37 oz/ ft <sup>2</sup> = 2 mil/160 ft <sup>2</sup>
	: 1 layer $\pm$ 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 that forms a durable matrix of molecular bonds (transformation into 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 types of chemicals and UV radiation
- This coating does not absorb water
- Superior anti-pollution and anti-corrosion properties
- This coating can withstand temperatures of up to 600°F
- Ideal solution for long-lasting rooftop waterproofing.
- Ultimate protection for concrete and stone surfaces
- High-performance protection for steel surfaces, preventing degradation
- Powerful anti-graffiti protection

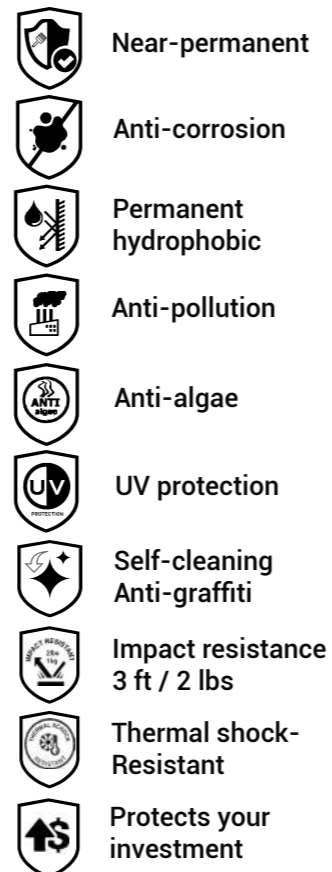
Expected lifespan of up to 30+ years



How to use: Page 38-39



## 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 $\pm$ 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 $\pm$ 0.030 lbs/ft <sup>2</sup> - 0.37 oz/ ft <sup>2</sup> = 2 mil/160 ft <sup>2</sup> : 1 layer $\pm$ 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

SI22 is an incredibly strong 2-component paint system that forms a durable matrix of molecular bonds (transformation into ceramic), resulting in permanent protection of the surface.

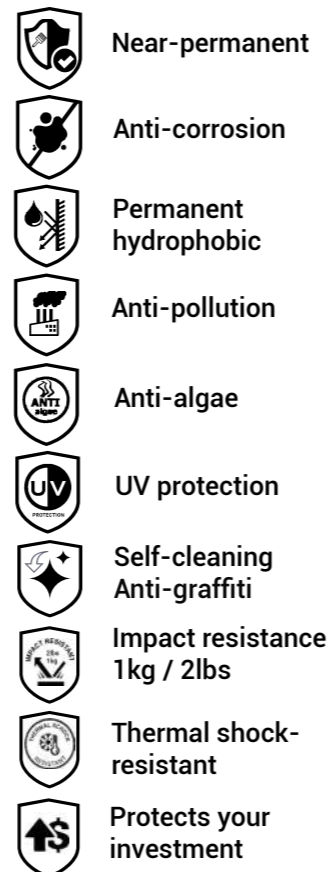
Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants
- This coating has an outstanding hydrophobic effect
- Restores damaged finishes and reduces cleaning intervals
- Resistant to all types of chemicals and UV radiation
- This coating does not absorb water
- Superior anti-pollution and anti-corrosion properties
- This coating can withstand temperatures of up to 300°C
- Ideal solution for long-lasting rooftop waterproofing.
- Ultimate protection for concrete and stone surfaces
- High-performance protection for steel surfaces, preventing degradation
- Powerful anti-graffiti protection

Expected lifespan of up to 30+ years



How to use: Page 38-39



Near-permanent

Anti-corrosion

Permanent hydrophobic

Anti-pollution

Anti-algae

UV protection

Self-cleaning Anti-graffiti

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 38-39

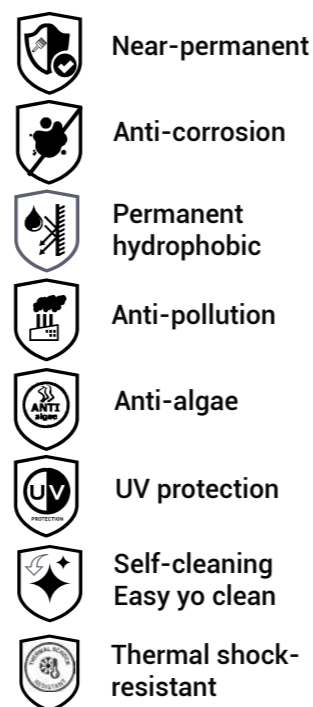
<b>Product ID</b>	: SI132000 67 oz / 7.3 lbs White
<b>Consumption</b>	: 2 layers ± 0.06 lbs/ft <sup>2</sup> - 0.58 oz/ ft <sup>2</sup> = 3.5 mil/120 ft <sup>2</sup>
<b>Reachable area</b>	: 1 layer ± 0.03 lbs/ft <sup>2</sup> - 0.29 oz/ ft <sup>2</sup> = 1.8 mil/240 ft <sup>2</sup>
<b>Hardness</b>	: H7
<b>Used on</b>	: Suitable for application on a wide range of interior and protected exterior surfaces (porous and non-porous), including concrete walls and ceilings, gypsum, and properly prepared wood surfaces. Ideal for covered outdoor areas such as overhang ceilings.
<b>Application area</b>	: Buildings, airports, hotels, private housing, etc.

SI13 is a high-performance two-component ceramic coating system designed to deliver a smooth, elegant eggshell finish. It forms a dense matrix of molecular bonds (ceramic transformation), creating a durable, long-lasting protective layer on the surface.

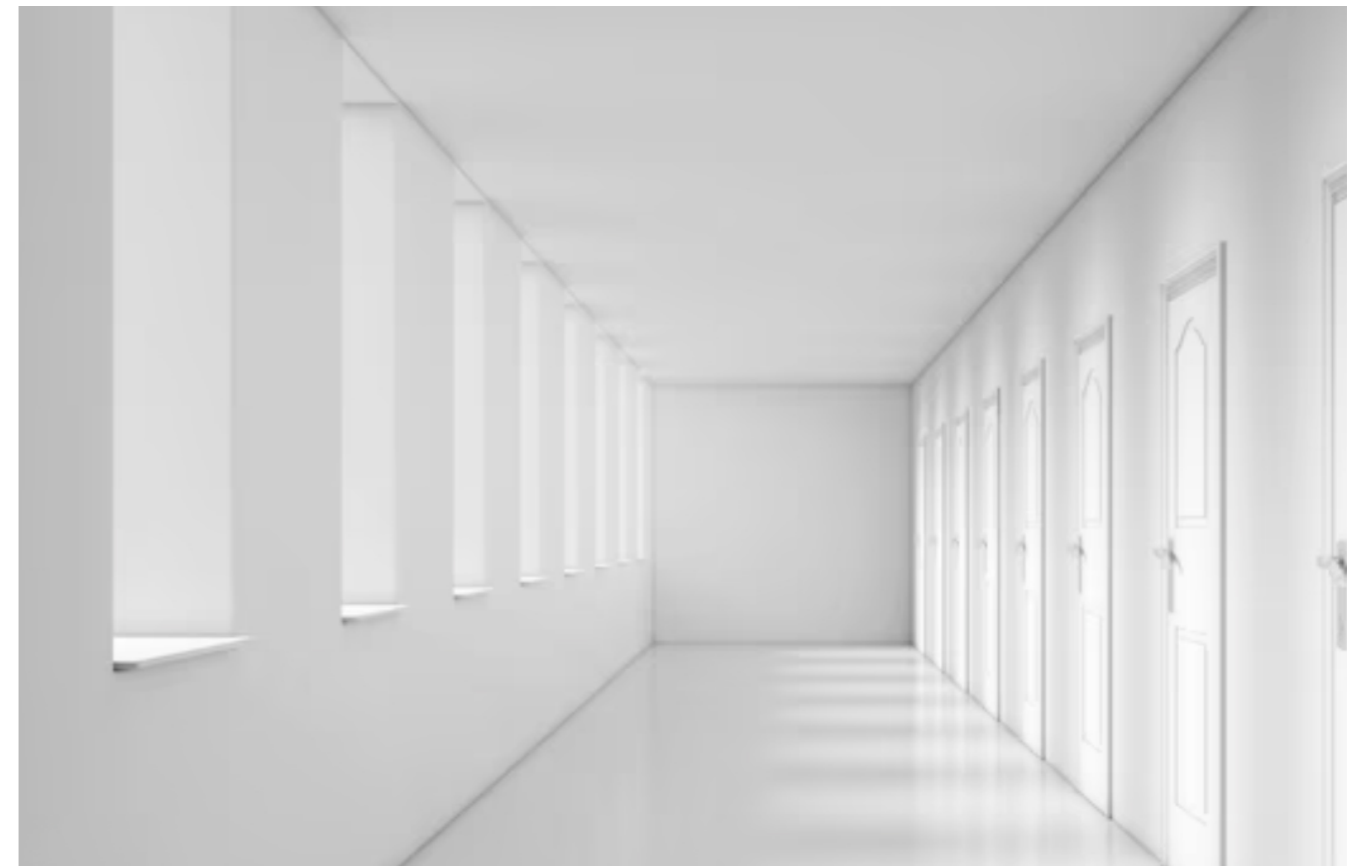
Three simple steps: Clean, Dry, and Apply.

- Repels water, dirt, dust, and airborne pollutants
- Subtle hydrophobic effect for easier maintenance
- Enhances and restores surfaces with a refined eggshell finish
- Reduces cleaning frequency and maintenance costs
- Resistant to UV exposure and common household chemicals
- Provides reliable anti-pollution and anti-corrosion protection

Expected lifespan: up to 25+ years



## Passive Cooling - Reflective



# SI15

1-Component (1K)

## Paint Coolest White for egg-shell surfaces

<b>Product ID</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 on</b>	: Suitable for application on a wide range of interior and protected exterior surfaces (porous and non-porous), including concrete walls and ceilings, gypsum, and properly prepared wood surfaces. Ideal for covered outdoor areas such as overhang ceilings.
<b>Application area</b>	: Buildings, airports, hotels, private housing, etc.

SI15 is a high-performance one-component ceramic coating system designed to deliver a smooth, elegant eggshell finish. It forms a dense matrix of molecular bonds (ceramic transformation), creating a durable, long-lasting protective layer on the surface.

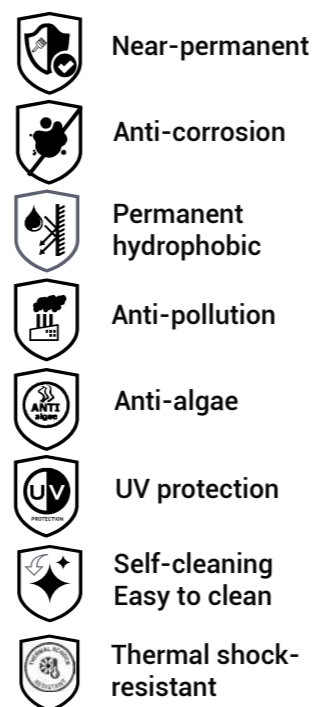
Three simple steps: Clean, Dry, and Apply.

- 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.

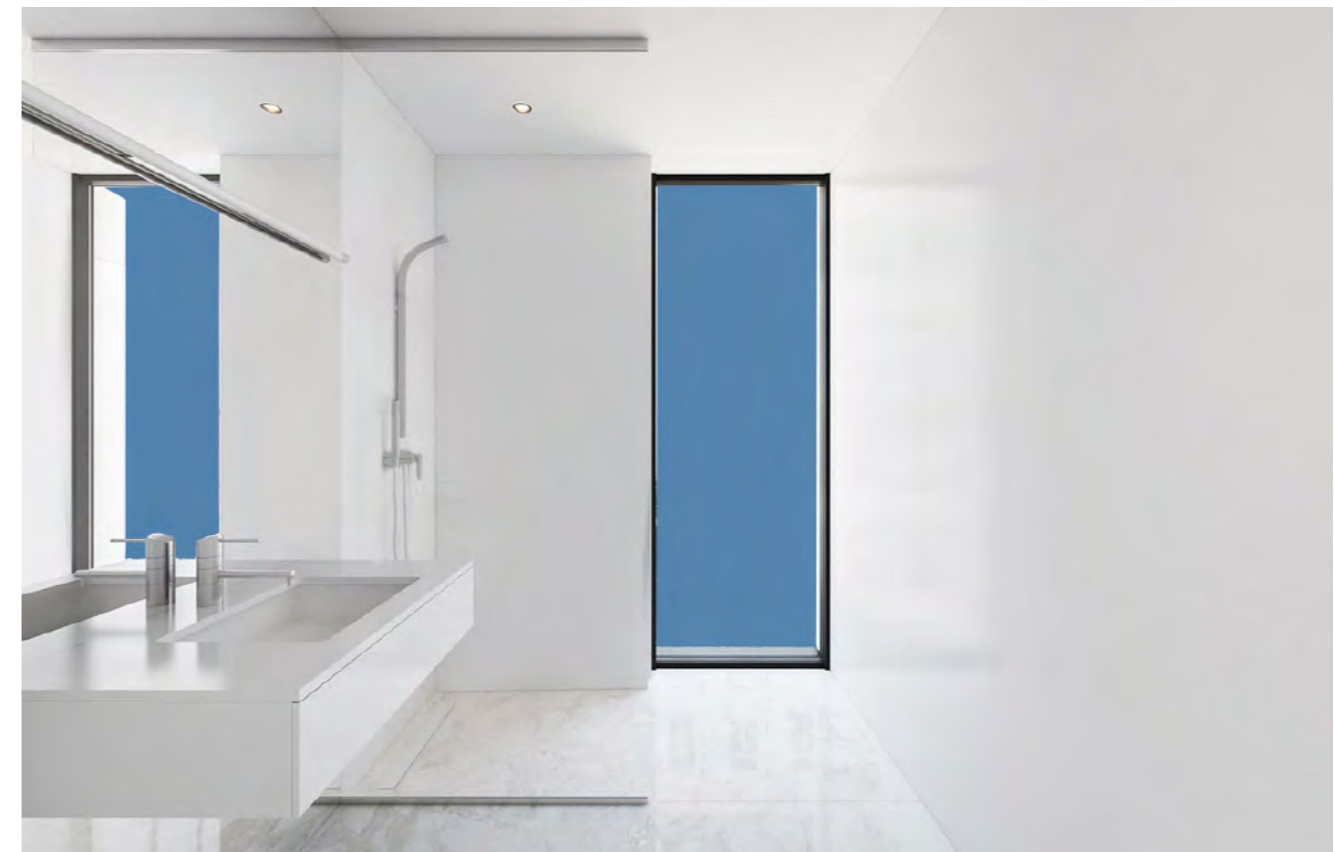
Expected lifespan of up to 20+ years



How to use: Page 38-39



## Chemical + Temperature Resistant (600°F)



# SI35

1-Component (1K)

## Topcoat Transparent for flat matte surfaces

<b>Product ID</b>	: SI350000 67 oz / 4.4 lbs Transparent
<b>Consumption</b>	: 3 layers $\pm$ 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 $\pm$ 0.04 lbs/ft <sup>2</sup> - 0.64 oz/ ft <sup>2</sup> = 2 mil/140 ft <sup>2</sup>
	: 1 layer $\pm$ 0.02 lbs/ft <sup>2</sup> - 0.32 oz/ ft <sup>2</sup> = 1 mil/210 ft <sup>2</sup>
<b>Hardness</b>	: H8
<b>Used on</b>	: stone, concrete
<b>Application area</b>	: Swimming pools, stairs, hotels, floors, private housing, etc.

SI35 is a high-performance one-component coating system that forms a dense matrix of molecular bonds (ceramic transformation), creating a durable, long-lasting protective layer with an extreme matte appearance.

Three simple steps: Clean, Dry, and Apply.

- Repels water, dirt, dust, and environmental pollutants
- Strong hydrophobic effect for enhanced surface protection
- Preserves and revitalizes natural surface appearance
- Reduces cleaning frequency and maintenance costs
- Resistant to UV exposure and a wide range of chemicals
- Superior anti-pollution and anti-corrosion protection
- Heat resistant up to 600°F
- Recommended for stairs and slippery places indoor or outdoor

Expected lifespan: up to 20+ years



How to use: Page 38-39



## Natural - Zero Shine



# SI41

2-Component (2K)

## Paint Textured White for semi gloss surfaces



How to use: Page 38-39

<b>Product ID</b>	: SI412000 67 oz / 5.3 lbs
<b>Consumption</b>	: 3 layers $\pm$ 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 $\pm$ 0.033 lbs/ft <sup>2</sup> - 0.46 oz/ ft <sup>2</sup> = 2.8 mil/160 ft <sup>2</sup>
	: 1 layer $\pm$ 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, airports, hotels, 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
- Outstanding hydrophobic effect
- Restores damaged finishes and reduces cleaning frequency
- Resistant to a wide range of chemicals and UV radiation
- Superior anti-pollution and anti-corrosion properties
- Withstands temperatures up to 300°C
- Advanced protection for textured wall surfaces



Expected lifespan of up to 20+ years



## Textured - Sprayable



# SI42

2-Component (2K)

## Paint Textured White for matte surfaces



How to use: Page 38-39

<b>Product ID</b>	: SI422000 67 oz / 5.5 lbs
<b>Consumption</b>	: 3 layers $\pm$ 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 $\pm$ 0.033 lbs/ft <sup>2</sup> - 0.46 oz/ ft <sup>2</sup> = 2.8 mil/160 ft <sup>2</sup>
	: 1 layer $\pm$ 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, airports, hotels, private housing, etc.

SI42 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.

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- Easily repels water, dirt, dust, and pollutants
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- Resistant to a wide range of chemicals and UV radiation
- Superior anti-pollution and anti-corrosion properties
- Withstands temperatures up to 300°C
- Advanced protection for textured wall surfaces



Easy to apply  
Repaintable



Cut maintenance costs



Anti-water spot  
Anti-corrosion



Permanently  
hydrophobic



Self-cleaning  
stays cleaner longer

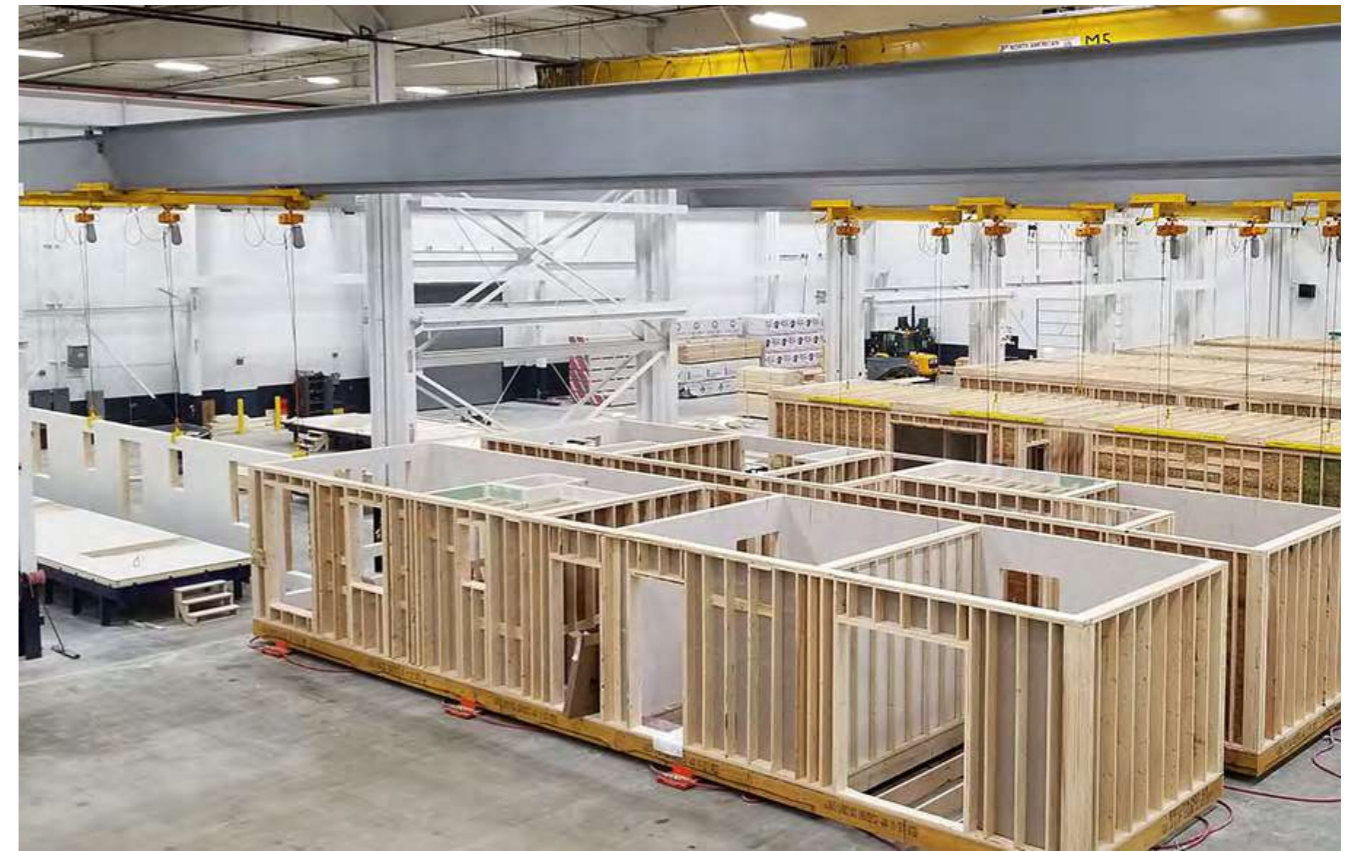


Anti-scratch



Protects your  
investment

Expected lifespan of up to 20+ years



## 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.



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 220 lbs

**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")	

**Wood**

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

**Industrial**

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

**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")

**Military**

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

**Antifouling**

SI14 Color 3141 (20/60")

# 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> - 0.4 oz/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  $\pm 0.40$  lbs/ft<sup>2</sup> - 0.6 oz/ft<sup>2</sup> 60 micron = 80 ft<sup>2</sup>  
**Reachable area** : 1 layer  $\pm 0.20$  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  $\pm 0.53$  lbs/ft<sup>2</sup> - 0.7 oz/ft<sup>2</sup> 80 micron = 50 ft<sup>2</sup>  
**Reachable area** : 1 layer  $\pm 0.26$  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**

# 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.



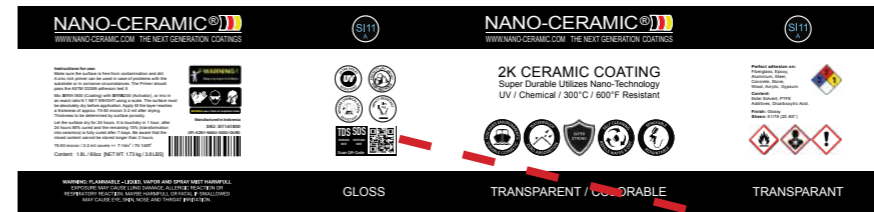
# RETA/ACCL Retarder Accelerator slow down flash time or speed up curing

- 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.



## Scan QR Code for TDS and SDS



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



## Test, Touch and Feel   Test Results   Video Application



DEMOSKIT 16 different coating and paints



**TDS**



## 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.

### 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)

### Application Information

SI11, SI12, SI13, SI15, SI35, SI21, SI22, SI31, SI41, and SI42 coatings can be applied directly or indirectly to porous and non-porous surfaces such as concrete, steel, wood, acrylic, gypsum, and painted or unpainted surfaces, for both indoor and outdoor use. The coating provides effective protection against erosion and corrosion while keeping surfaces cleaner for longer, making cleaning faster, easier, and more cost-effective without the need for special cleaning agents.

### Surface Preparation

Ensure the surface is clean, dry, and free from dust, oil, grease, and other contaminants. In case of substrate-related issues, apply a suitable primer (SIX1, SIX2, SIX3, SIX4) prior to coating. The surface must be completely dry before application and must remain dry for at least 6 hours after application.

### 2K Coating System (A + B)

Mix Component B into Component A by pouring the full contents of B into A or by using a ratio of 9:1 (A) by net weight, then mix until homogeneous. Applicable for: SI11 / SI12 / SI31 / SI21 / SI22 / SI41 / SI42 / SI13

### Application

Pour the mixed material into a professional spray gun and apply in thin layers until the desired thickness is achieved. Alternative methods such as roller or brush may also be used depending on the surface and application conditions.

### Curing

Touch dry approximately 1 hour. 85% cured approximately 4 hours. Full curing approximately 7 days. Initial drying before use minimum 24 hours. Pot life maximum approximately 3 hours after mixing.

### Maintenance

The surface can be cleaned using a high-pressure washer (approximately 80 bar) with biodegradable Reactivation Shampoo SHRE.

## Mixing Instructions using additives

### Mix ratio

9:1 by net weight (Component A : B)

For full kit application, pour all of Component B into Component A and mix thoroughly.

For partial quantities or when adding color dye, always measure using a calibrated scale.

Do not mix by volume.

### Adding Color dye

Add color dye (max. 8%) to Component A and mix thoroughly before adding Component B.

Component B must be calculated based on the net weight of Component A prior to adding any color dye.

Do NOT increase Component B to compensate for added dye.

### Mixing ⚠

Mix thoroughly for 2 minutes using a mixing stick.

Scrape the sides and bottom during mixing.

### Adding Solvent

If necessary, a maximum of 5% SOLV high-purity, compatible solvent may be added to adjust application viscosity.

Excess addition may reduce film build, delay curing, and negatively affect final coating performance.

### Adding Retarder

The use of retarder solvent is not recommended.

If required under high-temperature conditions, a maximum of 2–3% approved retarder may be used.

Excess addition may delay curing and reduce final coating performance.

### Adding Accelerator

The use of accelerators is not recommended.

Addition may significantly reduce pot life, negatively affect application properties, and compromise final coating performance.

If the use of accelerator is unavoidable, use ACCL Ceramic Accelerator at a maximum of:

0.5% of total mixture (A+B)

For UVA Topcoat: max. 0.25%

Add immediately before application and mix thoroughly.

Use only in small batches and apply without delay.

### Test a small area ⚠

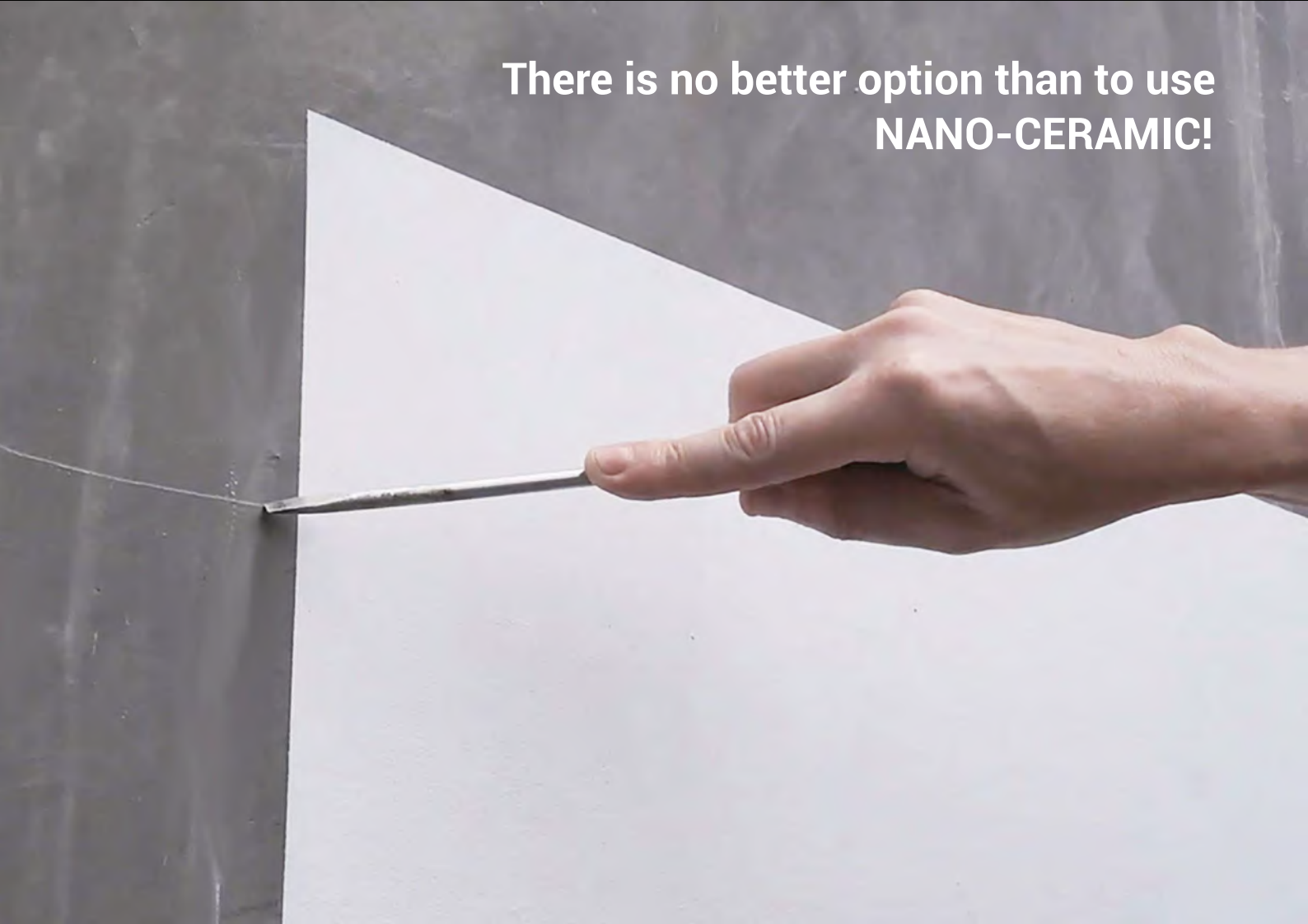
Always test a small area to confirm that the product's color, texture, hardness, and adhesion meet the desired finish.



# 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**