NANO-CERAMIC®

WWW.NANO-CERAMIC.COM THE NEXT GENERATION COATINGS



Buildings Permanent Coating System

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 300°C (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 ±6°C, protecting surfaces from extreme temperatures while creating a noticeably cooler indoor environment.

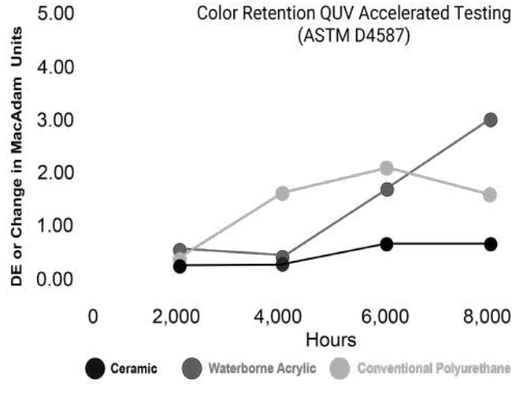
This high-performance reflective coating reduces heat buildup on roofs and walls, minimizing thermal stress, preventing surface degradation, and extending the lifespan of construction materials.

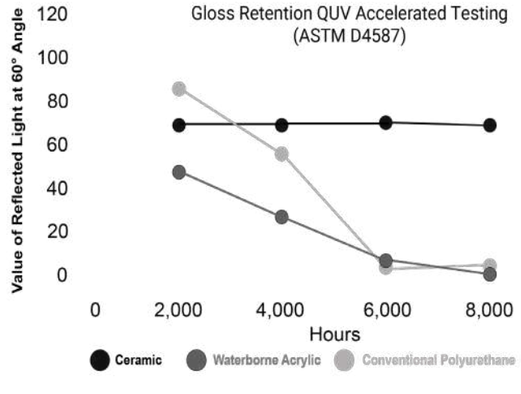
By lowering indoor temperatures, it significantly reduces reliance on air conditioning—cutting electricity costs, improving energy efficiency, and reducing greenhouse gas emissions.

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

In case written in bold font it means existing shortcomings in quality.

Characteristics	Acrylic Latex walls ceilings	Acrylic walls floors	Epoxy floors	**Polyurethane** waterproofing	**CERAMIC®** all surfaces
Primer	**Yes**	**Yes**	**Yes**	**Yes**	No
Adhesion Strength	**Poor**	**Poor**	**Poor**	**Poor**	Excellent
Cross Cut Test	**Poor**	**Poor**	Good	**Poor**	Excellent
Abrasion Resistance	**Poor**	**Poor**	**Average**	**Poor**	Excellent
UV Radiation Resistance	**Average**	**Average**	**Poor**	Good	Excellent
Artificial Atmospheric Agents	**Poor**	**Poor**	Good	Good	Excellent
Colour Retention	**Average**	**Average**	**Poor**	**Poor**	Excellent
Gloss Retention	**Poor**	**Poor**	**Poor**	**Poor**	Excellent
Chemical Resistance	Good	Good	Good	**Poor**	Excellent
Severe Chemical Attack	**Poor**	**Poor**	**Average**	**Poor**	Excellent
Temperature Resistance	**60°C**	**91°C**	177°C	263°C	300°C
Thermal Shock Resistance	Good	Good	**Poor**	Good	Excellent
Carbon Dioxide Permeability	**Poor**	**Poor**	Good	**Poor**	Excellent
Water Vapour Permeability	**Average**	**Average**	Good	**Average**	Excellent
Water Absorption Rate	**5-15%**	**1%**	**2%**	**3%**	0%
Aging at 70°C	**Poor**	**Poor**	Good	**Average**	Excellent
Adhesion Strenght (Pull-off)	**Poor**	**Average**	Good	**Poor**	Excellent
Impact Resistance	**Poor**	**Average**	Good	**Poor**	Excellent
Anti-Graffiti	**No**	**No**	**No**	**No**	Yes
Anti-Termite (Wood)	**No**	**No**	**No**	**No**	Yes
Hydrophobic Self Cleaning	**No**	**No**	**No**	**No**	Yes
Easy to Clean	**No**	**No**	**No**	**No**	Yes
Total Solar Reflectance (TSR)	**60** (white)	**60** (white)	60 (white)	**60** (white)	88 (white)
Expected Lifetime in Years	**<7**	**<7**	<5-15	<5-15	15-30+

10 High Tech Coatings and Paints for All Paint Jobs



Topcoat Transparent 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 Transparant
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**



Topcoat Transparent Textured
for flat matte surfaces
SI352000 (1K) 20+ Years
2 L / 2.000 g **Page 22**



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 24**



Paint Textured White
for matte surfaces
SI422000 (2K) 30+ Years
2 L / 2.500 g **Page 26**



The Smartest Antifouling
Transparent colorable
SI144000 (3K) ~8 Years (repaintable)
4 L / 4.300 g **Marine Brochure Page 09**

Application examples



SI11/SI12



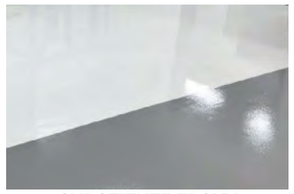
SI21/SI22



SI31/SI35



WATERPROOFING



SUBSTITUTE EPOXY



NON-SLIP



TOPCOAT RENEWAL



CERAMIC RENEWAL



NON-SLIP



GRANITE



WOOD



STEEL PLATES



WOOD



POOLS



STAIRS



CONCRETE



BASEMENTS



CONCRETE

Protect every surface for decades to come



SI41/SI42



SI13/SI15



SI14



HEAT REJECTION



EXTERIORS



ANTIFOULING



NON SLIP



INTERIORS



YACHTS



ISOLATION



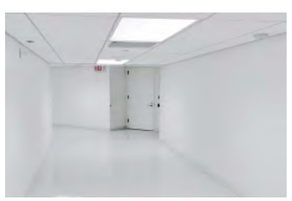
BATHROOMS



SAILING BOATS



HOUSING



HALLWAYS



SLUICE WALLS



ISOLATION



INFRASTRUCTURE



SLUICE DOORS

SI11 2-Component (2K)

Topcoat Transparent
for glossy surfaces



Article Nr : SI112000 2 L / 1.900 g

Consumption : 3 layers +/- 270 g/m² - 285 ml/m² 75 micron = 7 m²

Reachable area : 2 layers +/- 180 g/m² - 190 ml/m² 50 micron = 14 m²

: 1 layer +/- 90 g/m² - 95 ml/m² 25 micron = 21 m²

Hardness : H9

Used on : Fiberglass, aluminium, steel, stone, marble,
: concrete, wood, ceramics, epoxy. etc.

Application area : Buildings, airports, offshore structures, bridges, tunnels, swimming pools, 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 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

Near-permanent

Anti-corrosion

Permanently hydrophobic

Anti-pollution

Anti-algae

UV protection

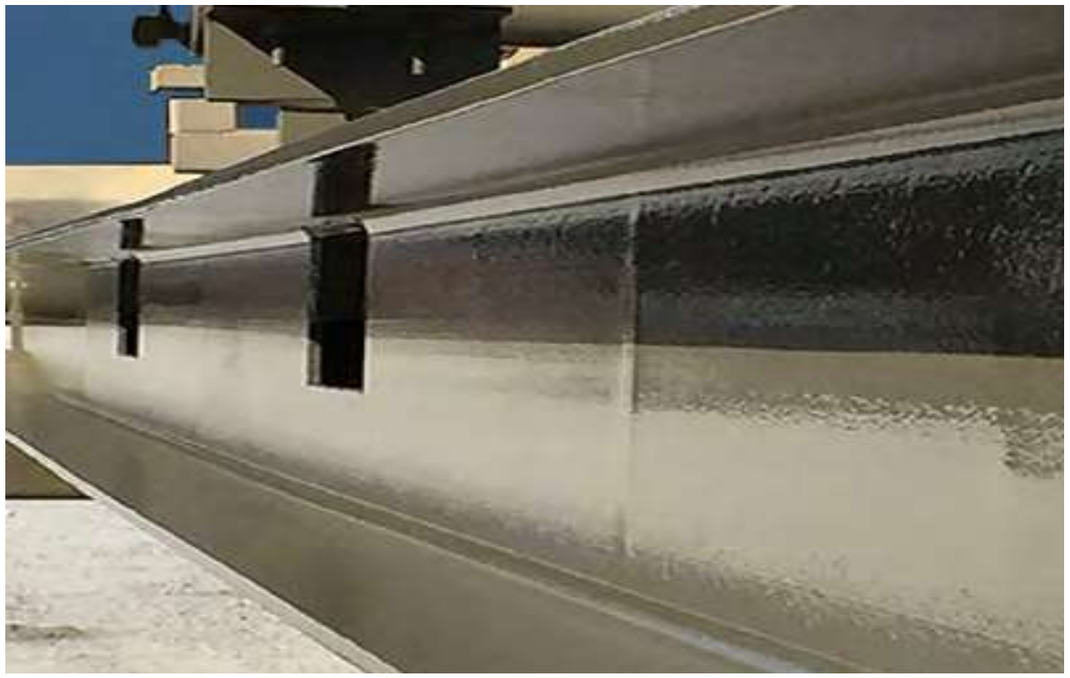
Self-cleaning Anti-graffiti

Impact resistance 1 kg / 80 cm

Thermal shock-resistant



Super Strong - Anti-Corrosion



SI12 2-Component (2K)

Topcoat Transparent Matte
for matte surfaces



Article Nr : SI122000 2 L / 2.000 g

Consumption : 3 layers +/- 270 g/m² - 285 ml/m² 75 micron = 7 m²

Reachable area : 2 layers +/- 180 g/m² - 190 ml/m² 50 micron = 14 m²

: 1 layer +/- 90 g/m² - 95 ml/m² 25 micron = 21 m²

Hardness : H9

Used on : Fiberglass, aluminium, steel, stone, marble,
: concrete, wood, ceramics, epoxy. etc.

Application area : Buildings, airports, offshore structures, bridges, tunnels, swimming pools, 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 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

Near-permanent

Anti-corrosion

Permanently hydrophobic

Anti-pollution

Anti-algae

UV protection

Self-cleaning Anti-graffiti

Impact resistance 1 kg / 80 cm

Thermal shock-resistant



Super Strong - Permanent Hydrophobic



SI31 2-Component (2K)



Topcoat Textured Transparent
for semi glossy surfaces

How to use: Page 38-39

Article Nr	: SI312000 2 L / 2.000 g
Consumption	: 3 layers +/- 222 g/m² - 222 ml/m² 90 micron = 9 m²
Reachable area	: 2 layers +/- 111 g/m² - 111 ml/m² 60 micron = 18 m²
	: 1 layer +/- 74 g/m² - 74 ml/m² 30 micron = 27 m²
Hardness	: H9
Used on	: Fiberglass, aluminium, steel, stone, marble,
	: concrete, wood, ceramics, epoxy. etc.
Application area	: Buildings, airports, offshore structures, bridges, tunnels, swimming pools, stairs, hotels, floors, private housing, etc.

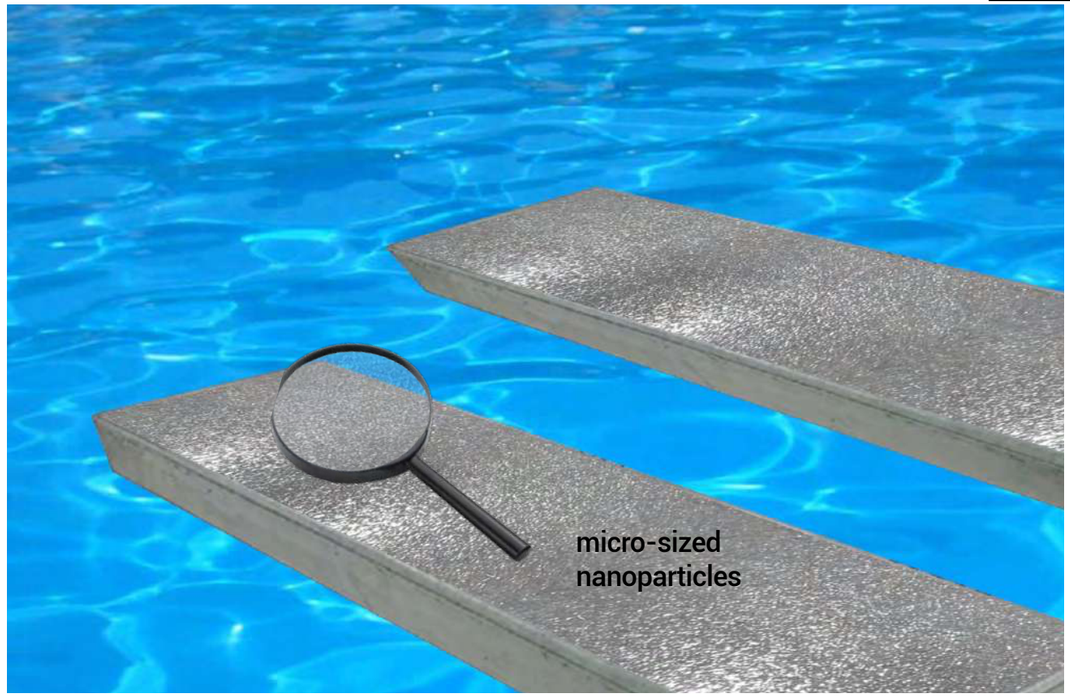
SI31 is an incredibly strong 2-component coating loaded with micro sized particles that forms a durable matrix of molecular bonds (transformation into ceramic), resulting in permanent protection of the surface.

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 300°C
- Super for stairs and slipery places indoor or outdoor
- Waterproofing from swimmingpools dll.
- Recommended for stairs and slipery places indoor or outdoor

Expected lifespan of up to 30+ years

- **Anti-slip**
- **Near-permanent**
- **Anti-corrosion**
- **Permanently hydrophobic**
- **Anti-pollution**
- **Anti-algae**
- **UV protection**
- **Self-cleaning Stays cleaner longer**
- **Impact resistance 1 kg / 80 cm**
- **Thermal shock-resistant**



Super Strong - Non-Slip



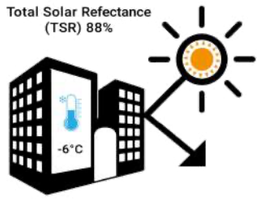
SI21 2-Component (2K)

Paint Strongest White Gloss
for glossy surfaces



Article Nr	: SI210000 2 L / 2.400 g
Consumption	: 3 layers +/- 200 g/m² - 165 ml/m² 90 micron = 12 m²
Reachable area	: 2 layers +/- 130 g/m² - 110 ml/m² 60 micron = 16 m²
	: 1 layer +/- 65 g/m² - 55 ml/m² 30 micron = 24 m²
Hardness	: H8
Used on	: Fiberglass, aluminium, steel, stone, marble,
	: concrete, wood, ceramics, epoxy. etc.
Application area	: Buildings, airports, offshore structures, bridges, tunnels, swimming pools, stairs, hotels, floors, private housing, etc.

How to use: Page 38-39



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 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

Near-permanent

Anti-corrosion

Permanently hydrophobic

Anti-pollution

Anti-algae

UV protection

Self-cleaning
Stays cleaner longer

Impact resistance
1 kg / 80 cm

Thermal shock-resistant



Anti-Scratch - Applicable over Epoxy



SI22 2-Component (2K)

Paint Strongest White Satin
for satin surfaces



Article Nr : SI220000 2 L / 2.500 g

Consumption : 3 layers +/- 200 g/m² - 165 ml/m² 90 micron = 12 m²

Reachable area : 2 layers +/- 130 g/m² - 110 ml/m² 60 micron = 16 m²

: 1 layer +/- 65 g/m² - 55 ml/m² 30 micron = 24 m²

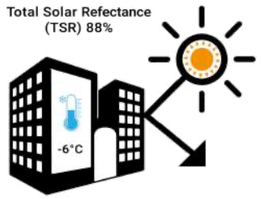
Hardness : H8

Used on : Fiberglass, aluminium, steel, stone, marble,

: concrete, wood, ceramics, epoxy. etc.

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

How to use: Page 38-39



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

Near-permanent

Anti-corrosion

Permanently hydrophobic

Anti-pollution

Anti-algae

UV protection

Self-cleaning
Stays cleaner longer

Impact resistance
1 kg / 80 cm

Thermal shock-resistant



Superb adhesion - Waterproof



SI13 2-Component (2K)

Paint Coolest White
for egg-shell surfaces



Article Nr : SI132000 2 L / 3.300 g

How to use: Page 38-39

Consumption : 2 layers +/- 280 g/m² - 170 ml/m² 90 micron = 12 m²
Reachable area : 1 layer +/- 140 g/m² - 85 ml/m² 45 micron = 24 m²
Hardness : H7
Used on : 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.
Application area : 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.

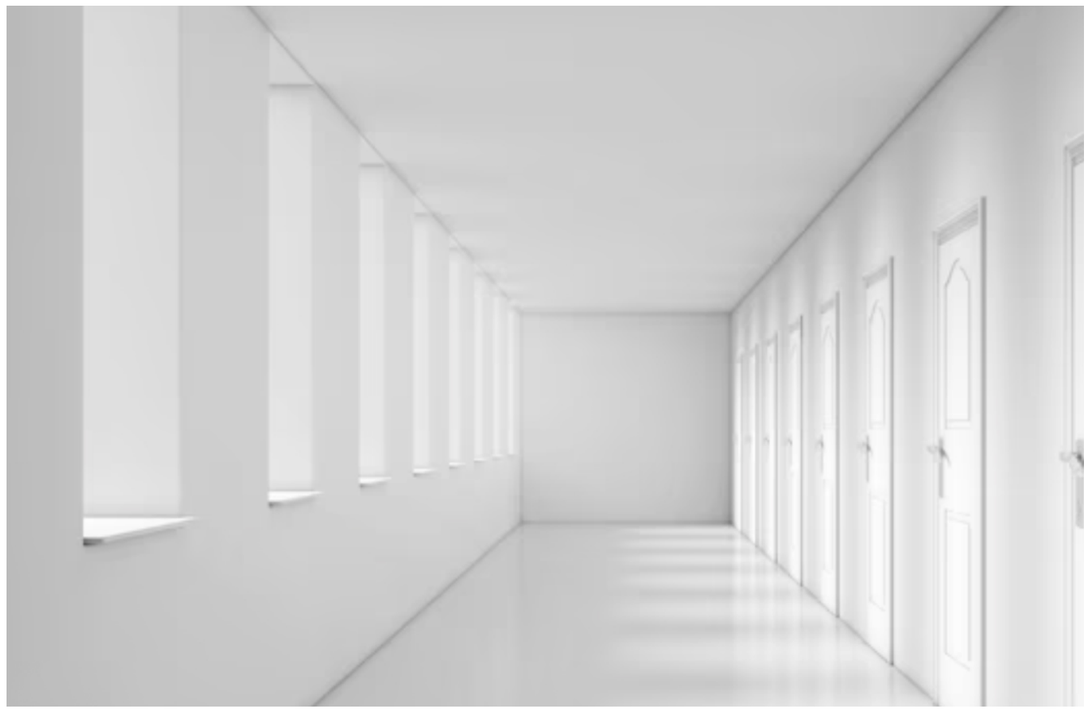
- Repels water, dirt, dust, and airborne pollutants
- Subtle hydrophobic effect for easier maintenance
- Enhances and restores surfaces with a refined eggshell finish
- Reduces cleaning frequency and maintenance costs
- Resistant to UV exposure and common household chemicals
- Provides reliable anti-pollution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

Expected lifespan: up to 25+ years

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



Eggshell - Easy to Clean



SI15 1-Component (1K)

Paint Coolest White
for egg-shell surfaces



Article Nr. : SI152000 2 L / 3.000 g

Consumption : 2 layers +/- 250 g/m² - 144 ml/m² 90 micron = 12 m²

Reachable area : 1 layer +/- 125 g/m² - 72 ml/m² 45 micron = 24 m²

Hardness : H6

Used on : 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.

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

How to use: Page 38-39

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

Near-permanent

Anti-corrosion

Permanent hydrophobic

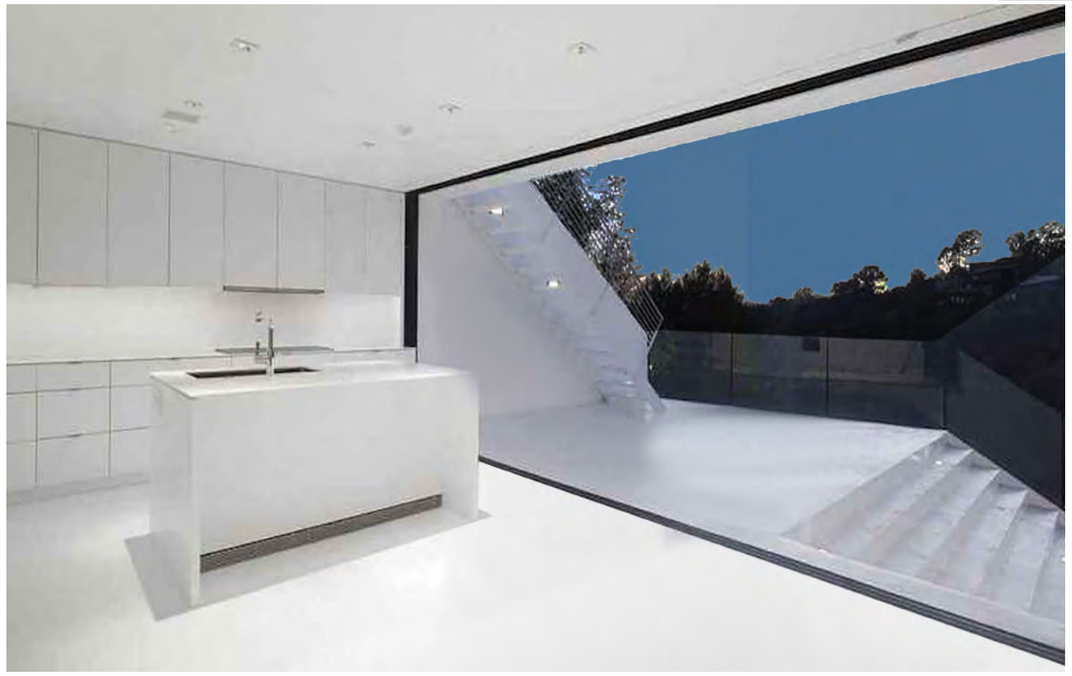
Anti-pollution

Anti-algae

UV protection

Self-cleaning Stays cleaner longer

Thermal Shock-Resistant



Water & Dirt Repellent



SI35 1-Component (1K)



Topcoat Transparent
for flat matte surfaces

Article Nr	: SI352000 2 L / 2.000 g Transparent
Consumption	: 3 layers +/- 222 g/m² - 222 ml/m² 90 micron = 9 m²
Reachable area	: 2 layers +/- 111 g/m² - 111 ml/m² 60 micron = 18 m²
	: 1 layer +/- 74 g/m² - 74 ml/m² 30 micron = 27 m²
Viscosity	: 20
Hardness	: H8
Used on	: stone, concrete
Application area	: Swimming pools, stairs, hotels, floors, private housing, etc.

How to use: Page 38-39

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 300°C
- Recommended for stairs and slipery places indoor or outdoor

Expected lifespan: up to 20+ years

Near-permanent

Anti-corrosion

Permanently hydrophobic

Anti-pollution

Anti-algae

UV protection

Self-cleaning
Stays cleaner longer

Impact resistance
3 ft / 2 lbs

Thermal shock resistant

Protects your investment



Natural - Zero Shine



SI41 2-Component (2K)



Paint Textured White
for satin matte surfaces

Article Nr. : SI412000 2 L / 2.400 g

Consumption : 3 layers +/- 200 g/m² - 165 ml/m² 105 micron = 12 m²

Reachable area : 2 layers +/- 130 g/m² - 110 ml/m² 70 micron = 16 m²

: 1 layer +/- 65 g/m² - 55 ml/m² 35 micron = 24 m²

Hardness : H9

Used on : 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.

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

How to use: Page 38-39

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

Easy to apply
Repaintable

Cut maintenance costs

Anti-water spot
Anti-corrossion

Permanently hydrophobic

Self-cleaning
stays cleaner longer

Anti-scratch

Protects your investment



Textured - Sprayable



SI42 2-Component (2K)



Paint Textured White
for matte surfaces

Article Nr. : SI422000 2 L / 2.500 g

Consumption : 3 layers +/- 200 g/m² - 165 ml/m² 105 micron = 12 m²

Reachable area : 2 layers +/- 130 g/m² - 110 ml/m² 70 micron = 16 m²

: 1 layer +/- 65 g/m² - 55 ml/m² 35 micron = 24 m²

Hardness : H9

Used on : 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.

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

How to use: Page 38-39

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.

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

Easy to apply
Repaintable

Cut maintenance costs

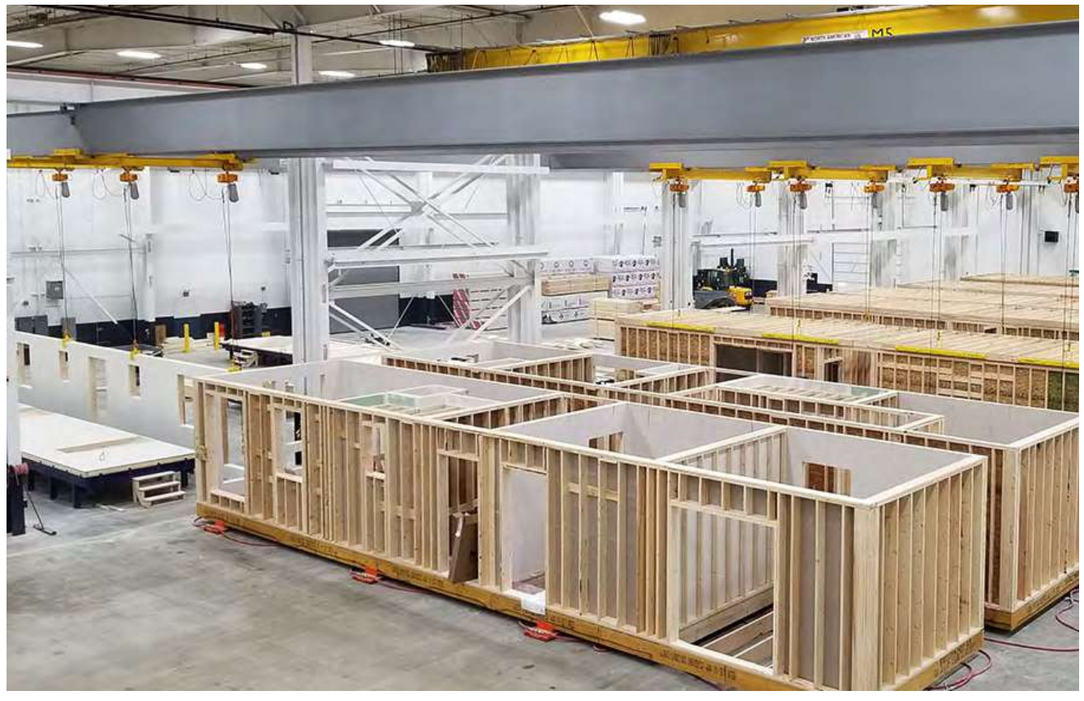
Anti-water spot
Anti-corrossion

Permanently hydrophobic

Self-cleaning
stays cleaner longer

Anti-scratch

Protects your investment



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 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.



Prisma-RT





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

Other colors need minimal 100 kg

Residential

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

Original — Cool white
RAL 9018 — Papyrus white
RAL 3015 — Light pink
RAL 9001 — Cream white
RAL 9022 — Pearl light grey
RAL 5007 — Pastel blue
RAL 9002 — Grey white
RAL 9023 — Pearl dark grey
RAL 4009 — Pastell violet
RAL 9003 — Signal white
RAL 1000 — Green beige
RAL 6027 — Light green
RAL 9004 — Signal black
RAL 1001 — Beige
RAL 7000 — Squirell grey
RAL 9005 — Jet black
RAL 1002 — Sand yellow
RAL 1036 — Pearl gold
RAL 9006 — White aluminium
RAL 1011 — Brownbeige
RAL 8029 — Pearl copper
RAL 9007 — Grey aluminium
RAL 1013 — Pearl white
RAL 4012 — Pearl blackberry
RAL 9010 — Pure white
RAL 1014 — Ivory
RAL 5025 — Pearl gentian blue
RAL 9011 — Graphite black
RAL 1015 — Light ivory
RAL 6036 — Pearl opal green
RAL 9016 — Traffic white
RAL 9017 — Traffic black
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 7001 — 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°)

Military

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

Original — Cool white
RAL 3000 — Fire red
Transparent matte
Light stone
RAL 9010 — Pure white
RAL 3004 — Burgundy
RAL 7031 — Blue grey
RAL 6031 — Bronze green
RAL 9001 — Cream white
RAL 7036 — Platium
RAL 9005 — Jet black
RAL 6451 — Brunswick green
RAL 5023 — Distant blue
RAL 9005 — Jet Black
RAL 6006 — NATO green
RAL 7015 — Dark sea grey
RAL 1023 — Traffic yellow
RAL 5018 — Turqoise bleu
RAL 7024 — Graphite grey
RAL 5008 — [RAF] Blue grey
RAL 7001 — Silver gray
RAL 6027 — Light green
RAL 1015 — Desert sand
RAL 1015 — Light ivory
RAL 5000 — Violet blue
Camo beige
RAL 9016 — Pure white
RAL 5012 — Light blue
Dark grey camo
RAL 9001 — Cream
RAL 5002 — Ultramarine blue
Dark brown camo
RAL 1001 — Beige
RAL 5013 — Sapphire blue
RAL 6022 — Olive drap
RAL 1020 — Olive yellow
RAL 5005 — Signal blue
Very dark drap

Antifouling

SI14 Color 31/41 (20/60°)

Transparent
RAL 9005 — Jet Black
RAL 3001 — Signal Red
RAL 5002 — Ultra marine blue
RAL 7004 — 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/m² - 250 ml/m² 80 micron = 5 m²
Reachable area : 1 layer +/- 120 g/m² - 125 ml/m² 40 micron = 10 m²
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, aluminumin corrosive conditions and has excellent adhesion to all organic substrates and to all of our ceramic topcoats. The primer can be applied atC 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/m² - 210 ml/m² 60 micron = 6 m²
Reachable area : 1 layer +/- 100 g/m² - 105 ml/m² 30 micron = 12 m²
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°C.



Heavy Duty Primer - Smooth Surfacer



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/m² - 185ml/m² 60 micron = 8 m²
Reachable area : 1 layer +/- 115 g/m² - 95ml/m² 30 micron = 12 m²
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/m² - 200 ml/m² 60 micron = 5 m²
Reachable area : 1 layer +/- 120 g/m² - 100 ml/m² 30 micron = 10 m²
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



Wood or Natural Stone - Filler



SIX5 2-Component (2K)



Putty Polyester
ultra smooth - sandable

Article Nr. : SIX51000 1 kg
Colors : Grey
Used on : Metal, wood, fiberglass, concrete, plastics
Application area : 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.

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

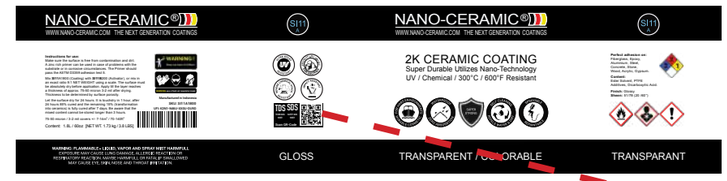


slow down flash time or speed up curing

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.

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



DEMOSKIT 16 different coating and paints

Test Results



TSUS

Video Application



E-Warranty

The quality and reliability of NANO-CERAMIC are guaranteed for 12 years when applied at the specified maximum thickness, as indicated on the product page.
This limited product warranty applies to the original purchaser for installations in new building applications, provided the product is professionally installed under the supervision of an approved installer. The warranty applies only to newly constructed concrete wall applications and covers defects such as discoloration, peeling, cracking, or delamination.
No warranty is provided for damage caused by surface or concrete cracks. Any claims resulting from the use of cleaning chemicals—other than SHRE Pure Shine Shampoo—will be rejected. This warranty is valid only if registered by an approved installer through the 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:



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 addetives

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



The Leader in Durability

Did you know?

Our coatings are made from pure silica sand, which is the most common element on earth!

Dealer