

NANO-CERAMIC®



WWW.NANO-CERAMIC.COM INDUSTRIAL PROTECTIVE COATINGS



Industrial Objects

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.

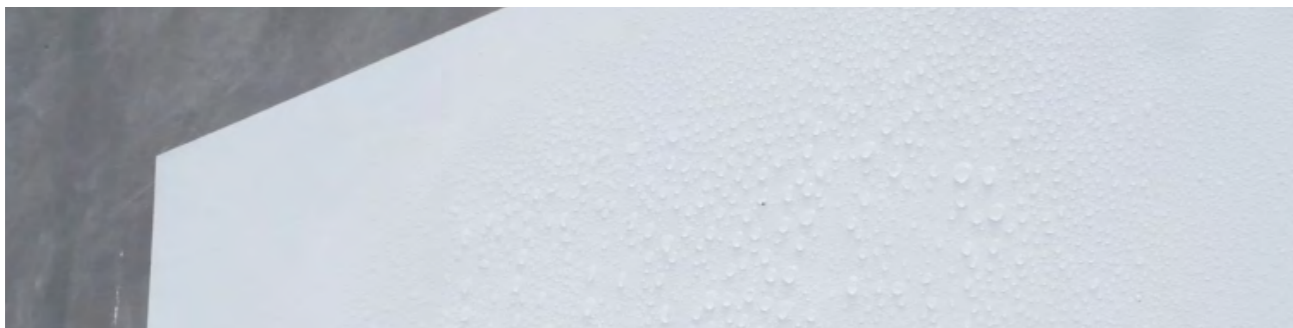
NANO-CERAMIC permanent coating system is 600°F resistant and more than 4 times stronger than traditional acrylic based paint finishes, and is effectively preventing damage that would otherwise affect the appearance and integrity of the original surface.

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 per test report page 19 as here below.

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 buildings??

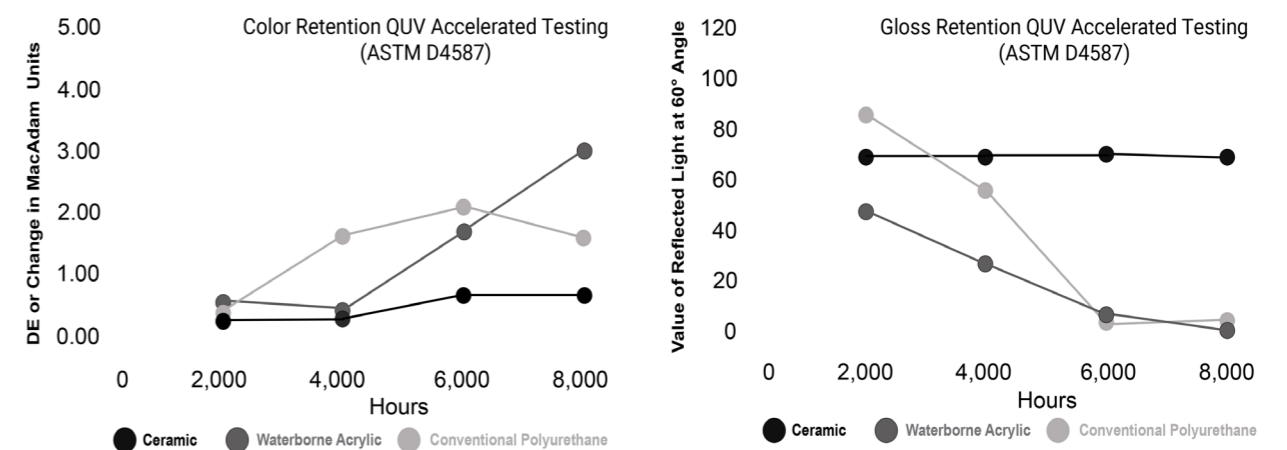
NANO-CERAMIC revolutionary **Coollest White Paint** has superb reflective properties of about 80% of the sun rays. Our **Coollest White Paint** shields buildings by blocking sunlight (passive cooling by +/-42°F), which effectively can reduce annual electricity cost and greenhouse gases.

Our high tech reflective **Coollest White Paint** cools down the heat which means less air-conditioning. NANO-CERAMIC **Coollest White Paint** has an extremely high TSR value (Total Solar Reflectance) of 80.

Other paints are simply not suitable for longterm harsh outdoor environments.

In order to avoid poorly maintained properties (concrete rot, chipped and weathered paint, etc) for the next decades, our Permanent Coating System is simply the best solution to keep the value of your investment in place.

Superior in Color & Gloss Retention



A special selection of high grade tinting chemicals computerized dispersed in a superior ceramic resin.

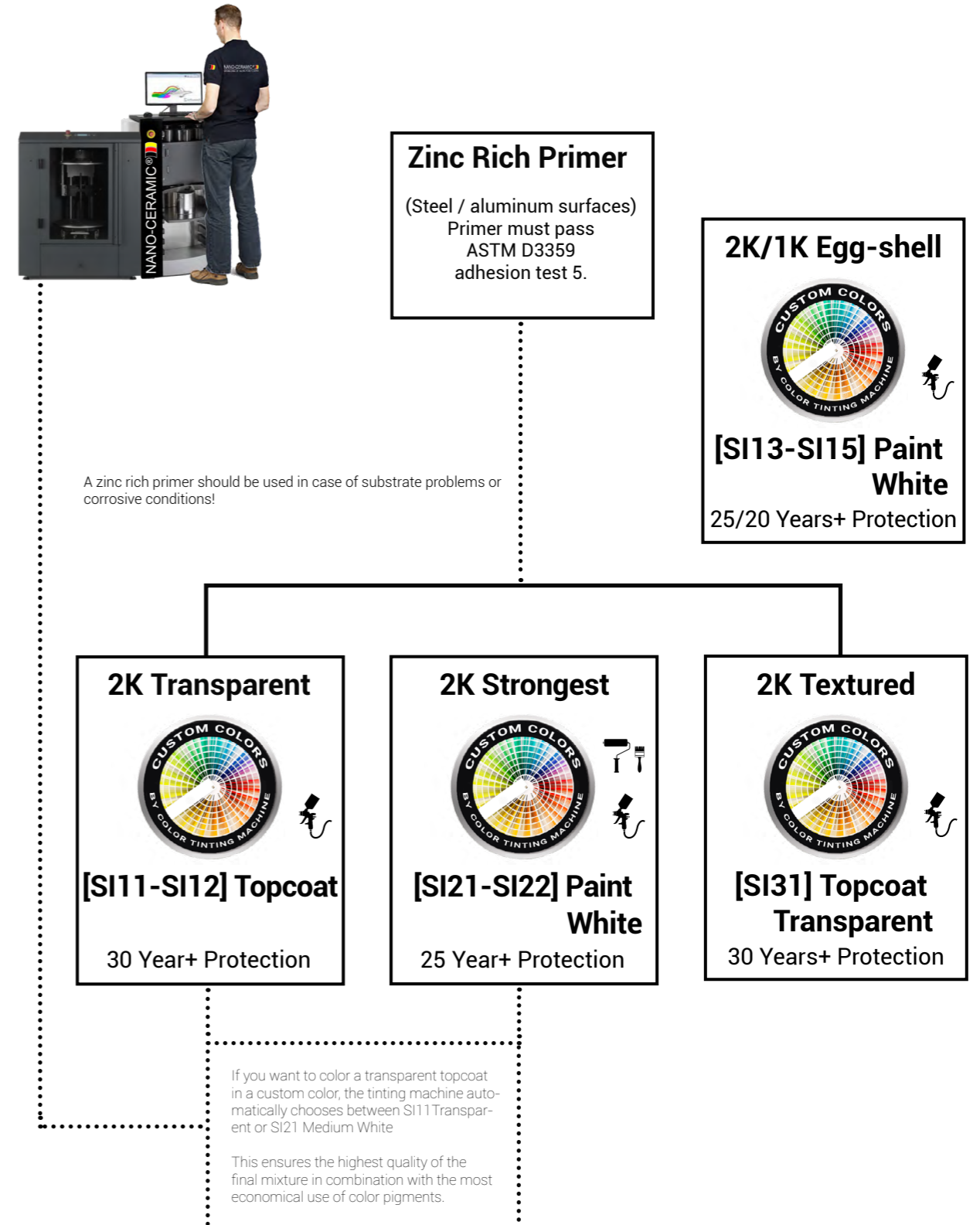
Conventional gelcoats are a mixture with Epoxy or Polyurethane resins, of which the quality of resin and pigments are the most important factor in the ultimate strength. Most have a lifespan of 15 years, with hardness, color and gloss retention (sun fading) and manual mixing towards consistent quality being the most common problems in keeping the desired object at an aesthetically pleasing level.

Quality Comparison of paints technologies

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

Characteristics	Acrylic Latex walls ceilings	Acrylic walls floors	Epoxy floors	Polyurethane waterproofing	CERAMIC® all surfaces
Primer	Yes	Yes	Yes	Yes	No
Adhesion Strength	Poor	Poor	Poor	Poor	Excellent
Cross Cut Test	Poor	Poor	Good	Poor	Excellent
Abrasion Resistance	Poor	Poor	Average	Poor	Excellent
UV Radiation Resistance	Average	Average	Poor	Good	Excellent
Artificial Atmospheric Agents	Poor	Poor	Good	Good	Excellent
Colour Retention	Average	Average	Poor	Poor	Excellent
Gloss Retention	Poor	Poor	Poor	Poor	Excellent
Chemical Resistance	Good	Good	Good	Poor	Excellent
Severe Chemical Attack	Poor	Poor	Average	Poor	Excellent
Temperature Resistance	140°F	196°F	350°F	505°F	600°F
Thermal Shock Resistance	Good	Good	Poor	Good	Excellent
Carbon Dioxide Permeability	Poor	Poor	Good	Poor	Excellent
Permeability water vapour	Average	Average	Good	Average	Excellent
Water Absorption Rate	5-15%	1%	2%	3%	0%
Aging at 158°F	Poor	Poor	Good	Average	Excellent
Adhesion Strength 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+

Permanent Coating Protection Plan for Industrial Objects





SI11/SI12 2-Component (2K)

Topcoat Transparent for glossy and matt surfaces

Product ID	: SI112000 67oz / 4.2 lbs SI122000 67oz / 4.4 lbs
Consumption	: 3 layers 0.06lbs/ft ² - 0.96oz/ ft ² = 3 mil/ 70ft ²
Reachable area	: 2 layers 0.04lbs/ft ² - 0.64oz/ ft ² = 2 mil/140ft ² : 1 layer 0.02lbs/ft ² - 0.32oz/ ft ² = 1 mil/210ft ²
Hardness	: H9
Used for	: Gelcoat, fiberglass, steel, aluminum, plastics, wood, adiatur tubes, walls, floors practically any surface.
Application field	: Industrial objects

SI11/SI12 is an incredibly strong 2-component paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating is permanent hydrophobic.
- Restores damaged finishes and reduces cleaning intervals.
- Resistant to all kinds of chemicals and UV radiation.
- Superior anti-pollution and anti-corrosion properties.
- This coating can withstand temperatures of 300°C.

Expected Life Duration up to 30 years+



How to use: Page 10

-  **Easy to apply Repaintable**
-  **Cut maintenance costs**
-  **Anti-water spot Anti-corrosion**
-  **Permanent hydrophobic**
-  **Self-cleaning stays cleaner longer**
-  **Impact Resistance 1kg / 2lbs**
-  **Thermal Shock-Resistant**
-  **Protects your investment**



SI21/SI22 2-Component (2K)

The Strongest White Paint for glossy and matt surfaces

Product ID	: SI212000 67oz / 5.3 lbs SI222000 67oz / 5.5 lbs
Consumption	: 3 layers 0.044lbs/ft ² - 0.56oz/ ft ² = 3 mil/120ft ²
Reachable area	: 2 layers 0.030lbs/ft ² - 0.37oz/ ft ² = 2 mil/160ft ² : 1 layer 0.014lbs/ft ² - 0.19oz/ ft ² = 1 mil/240ft ²
Hardness	: H8
Used for	: Gelcoat, fiberglass, steel, aluminum, plastics, wood, adiatur tubes, walls, floors practically any surface.
Application field	: Industrial objects

SI21/SI22 is a medium white 2-component paint that binds molecules and (conversion to ceramic) provides permanent protection on applied surfaces.

Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating does not absorb any water
- Resistant to all kinds of chemicals and UV radiation.
- This coating can withstand temperatures of 300°C

Expected Life Duration up to 25 year+



How to use: Page 10

-  **Easy to apply Repaintable**
-  **Cut maintenance costs**
-  **Anti-water spot Anti-corrosion**
-  **Permanent hydrophobic**
-  **Self-cleaning stays cleaner longer**
-  **Impact Resistance 1kg / 2lbs**
-  **Thermal Shock-Resistant**
-  **Protects your investment**



SI31 2-Component (2K)

Textured Transparent Semi Gloss antislip - high impact resistant

Article Nr.	: SI312000 67oz / 4.6 lbs
Consumption	: 3 layers 0.050lbs/ft ² - 0.76oz/ ft ² = 3 mil/90ft ²
Reachable area	: 2 layers 0.033lbs/ft ² - 0.51oz/ ft ² = 2 mil/180ft ² : 1 layer 0.017lbs/ft ² - 0.25oz/ ft ² = 1 mil/270ft ²
Hardness	: H9
Used on	: Gelcoat, fiberglass, steel, aluminium, : plastics, wood, virtually any surface.
Application area	: Buildings, marine, offshore structures, bridges, etc

SI31 is a clear solvent-based ceramic coating, linked with a ceramic activator, available in semi-gloss and includes sprayable nano particles. Known for its exceptional durability, this coating easily applies to any organic surface without needing a primer. Its textured design makes it perfect for anti-slip needs.

- Easily repels water, dirt, dust, and pollutants.
- This coating has an outstanding hydrophobic effect.
- Resistant to all kinds of chemicals and UV radiation.
- This coating can withstand temperatures of 600°F.
- Zero absorption, waterproof, insulation and heat rejecting

Expected Life Duration up to 30 years+



How to use: Page 10



SI13 (2K) / SI15 (1K)

The Coolest White Paint for egg-shell surfaces

Article Nr.	: SI132000 67oz / 7.3 lbs SI152000 67oz / 6.6 lbs
Consumption	: 2 layers 0.050lbs/ft ² - 0.48oz/ ft ² = 3.5 mil/140ft ²
Reachable area	: 1 layers 0.025lbs/ft ² - 0.24oz/ ft ² = 1.8 mil/280ft ²
Hardness	: H7
Used for	: Concrete, steel, wood, acrylic, gypsum
Application field	: Buildings Stations, tunnels, exteriors, interiors

SI13/SI15 is an incredibly strong 2-component eggshell paint system which forms a durable matrix of molecular bonds (transformation to ceramic) resulting in permanent protection of the surface.

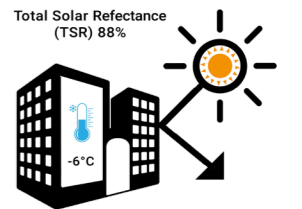
Three simple steps: Clean, Dry, and Apply.

- Easily repels water, dirt, dust, and pollutants.
- This coating does not absorb any water
- Resistant to all kinds of chemicals and UV radiation.
- This coating can withstand temperatures of 300°C

Expected Life Duration up to 25 year+ or 20 year+



How to use: Page 10



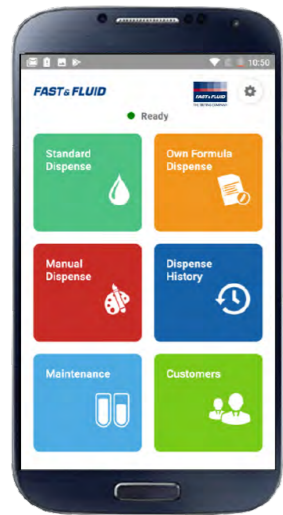
Total Solar Reflectance (TSR) 88%



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 1.05gal





Quinacridone Red
Masstone 
Tint 
844-0451 32oz





Scarlet Red
Masstone 
Tint 
844-0526 32oz





Lead Free Orange
Masstone 
Tint 
844-0982 32oz





Trans Red Oxide
Masstone 
Tint 
844-1054 32oz





Red Oxide
Masstone 
Tint 
844-1063 32oz





Burnt Umber
Masstone 
Tint 
844-1352 32oz





Trans Yellow Oxide
Masstone 
Tint 
844-1852 32oz





Yellow Oxide
Masstone 
Tint 
844-1863 32oz





Lead Free Med Yellow
Masstone 
Tint 
844-2555 32oz





Yellow
Masstone 
Tint 
844-2826 32oz





Organic Yellow
Masstone 
Tint 
844-2852 32oz





PHTHALO Green
Masstone 
Tint 
844-5558 32oz





Quinacridone Violet
Masstone 
Tint 
844-9451 32oz



Lamp Black
Masstone 
Tint 
844-9955 32oz



PHTHALO BLUE
Masstone 
Tint 
844-7262 32oz

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 1011

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

Squirrel 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")	SI31 Textured Transparent Semi Gloss 41/69 (20/60")
SI41 Textured White Semi Gloss 41/69 (20/60")	SI33 Textured Black 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

RAL 3000

Fire red

RAL 3004

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

Military

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

Transparent matte

RAL 7031

Blue grey

RAL 9005

Jet black

RAL 6005

NATO green

RAL 7024

Graphite grey

RAL 1015

Desert sand

RAL 9000

Violet blue

RAL 9012

Light blue

RAL 9002

Ultramarine blue

RAL 9013

Sapphire blue

RAL 5005

Signal blue

RAL 6031

Bronze green

RAL 6451

Brunswick green

RAL 7016

Dark sea grey

RAL 5008

[RAF] Blue grey

Antifouling

SI14 Color 3141 (20/60")

Transparent

RAL 9005

Jet Black

RAL 3001

Signal Red

RAL 9002

Ultra marine blue

RAL 7004

Signal Grey



SIX1

2-Component (2K)

Primer Epoxy Polyamide

heavy duty - anti-corrosion

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

Article Nr.	: SIX21250 42oz / 3.2 lbs SIX25000 1.32gal / 12.8 lbs
Consumption	: 2 layers +/- 0.44 lbs/ft ² - 0.7oz/ft ² 60 micron = 60ft ²
Reachable area	: 1 layer +/- 0.22 lbs/ft ² - 0.4oz/ft ² 30 micron = 120ft ²
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

Article Nr.	: SIX31500 51oz / 3.3 lbs
Consumption	: 2 layers +/- 0.40 lbs/ft ² - 0.6oz/ft ² 60 micron = 80ft ²
Reachable area	: 1 layer +/- 0.20 lbs/ft ² - 0.3oz/ft ² 30 micron = 120ft ²
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



Wood or Natural Stone - Filler

SIX4

1-Component (1K)

Primer Acrylic Waterbased

all surfaces modifier - stain killer

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

SIX4 Acrylic Water-Based Primer is a premium, all-purpose primer-sealer with excellent adhesion, stain-blocking, and hiding power. Ideal for both interior and exterior surfaces, it bonds to glossy surfaces without sanding, effectively blocks stains, and provides a smooth foundation for any solvent-based or water-based topcoat



Fast Repaintable



Excellent adhesion



VOC Free



SIX5 2-Component (2K)

Putty Polyester ultra smooth - sandable

- Article Nr.** : SIX51000 2.2 lbs
- Color** : Grey
- Used on** : Metal, wood, fiberglass, concrete, plastics
- Application area** : Buildings, marine, airports, offshore structures, bridges



- Fast Repaintable**
- Excellent adhesion**

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



Substrate Kit, Test, Touch and Feel

Substrate Kit
16 different coating and paints



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

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 at its concrete application. The Primer should pass the ISO 2408 adhesion test 0.
Mix B114180 (Coating) with B118200 (Activator), or mix in an exact ratio 5:1 NET WEIGHT using scale. The surface must be absolutely dry before application. Apply 3/4 of the layer reaches a thickness of approx. 75 microns (3 mil after drying).
Thickness is to be determined by interferometry.
Let the surface dry for 24 hours. It is touchable in 1 hour, after 24 hours (95% solvent and the remaining 5% solvent) it can be applied in a second layer. It is important to fully coat after 7 days. Be aware that the second coating should be applied under 20°C.
75-80 micron (3.0 mil) covers 11.7-14m² / 75-140ft²
Content: 1.8L / 60oz [NET WT: 1.73 kg / 3.8 LBS]

WARNING!
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: 1.8L (60oz), 1.73kg (3.8LBS)
Address: Quindaryville, MO
Phone: 636-337-1111
Email: sales@nano-ceramic.com

WARNINGS:
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.

Perfect adhesion on:
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Content: 1.8L (60oz), 1.73kg (3.8LBS)
Address: Quindaryville, MO
Phone: 636-337-1111
Email: sales@nano-ceramic.com

GLOSS TRANSPARENT / COLORABLE TRANSPARENT

Video Application & (Test) Results

SGS TEST REPORTS SCAN QR-CODE

TECHNICAL VIDEO SCAN QR-CODE

TEST REPORT EN 1504-2 SCAN QR-CODE

TDS NANO-CERAMIC®
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Product identification:
Product name: 2K CERAMIC COATING
Manufacturer: NANO-CERAMIC®
Country: USA

Design:
Intended use: High Performance Coating for the next generation coatings

Manufacturer information:
Name: NANO-CERAMIC®
Address: Quindaryville, MO 63638
Phone: 636-337-1111
Email: sales@nano-ceramic.com

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

1.1. Product identifier:
Product name: 2K CERAMIC COATING
Manufacturer: NANO-CERAMIC®
Country: USA

1.2. Hazard identification:
High Performance Coating for the next generation coatings

1.3. Details of the supplier of the safety data sheet:
Company Name: NANO-CERAMIC®
Address: Quindaryville, MO 63638
Phone: 636-337-1111
Email: sales@nano-ceramic.com

1.4. Emergency telephone number:
Emergency: 636-337-1111



SOLV

Thinner solvent

for all types of our ceramic paint & coating

Article Nr. : SOLV0400 14oz / 0.8 lbs SOLV2000 64oz / 3.9 lbs SOLV5000 1.32gal / 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.



How to use our Permant 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



Professional Paint Sprayer
1.3-1.7mm / 0.05-0.06" nozzle

Application information

The SI11/SI12/SI21/SI22/SI31/SI13/SI15 coatings can be applied directly or indirectly on all surfaces (porous and non-porous) such as concrete, steel, wood, acrylic, gypsum, painted or unpainted surfaces, indoors, or outdoors. The surface underneath will be superbly protected against erosion and corrosion and will stay cleaner longer. Cleaning becomes quicker, easier, and less expensive, as special cleaning agents are unnecessary.

Preparation

Make sure the surface is free from any contamination and dirt. A zinc rich primer can be used in case of problems with the substrate. **Warning the surface must be completely dry before application and must stay dry for 6 hours after application after application!**

The 2-Component Permanent Coating System

Mix the can SI11B-SI12B-SI21B-SI22B-SI31B-SI13B with the can of SI11A-SI12A-SI21A-SI22A-SI31A-SI13A by pouring can B into can A, or measure exactly by net weight in a ratio of 7:3 and mix very well. Mix the can of SI21B with the can of SI21A by pouring can B into can A, or measure exactly by net weight in a ratio of 9:1 and mix thoroughly with a power agitator. Carefully pour the mixed contents into a professional paint sprayer, and spray in thin layers until the surface reaches your required thickness. 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.

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.

RETA/ACCL

Retarder

Accelerator

slow down flash time or speed up curing

Article Nr. : RETA0400 14oz / 0.85 lbs ACCL0200 7oz / 0.4 lbs

If your application need longer flash time (longer time to build up the layer with a second or third coat you can add the RETA Retarder.

In case you want to speed up the curing process you can add the high efficient ACCL Accelerator.



E-Warranty

Guarantee of quality and reliability of NANO-CERAMIC is guaranteed for 10 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.

NANO-CERAMIC®

WWW.NANO-CERAMIC.COM INDUSTRIAL PROTECTIVE COATINGS



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