NANO-CERAMIC®

WWW.NANO-CERAMIC.COM   INDUSTRIAL PROTECTIVE COATINGS

Industrial Objects Permanent Coating System

What is NANO-CERAMIC UVA Topcoat?

NANO-CERAMIC® UVA Topcoat is an innovative low-VOC, non-PFAS, sprayable protective coating designed especially for the demanding conditions of trucks and buses. This self-leveling system forms an ultra-hard, glass-like hydrophobic barrier that delivers superior protection and a sleek, high-gloss finish.

Engineered for extreme durability, UVA Topcoat resists harsh weather, intense UV radiation, road salts, and aggressive chemicals commonly encountered in road transport. It is fully safe and compliant for use on passenger and cargo vehicles—including food-contact areas—ensuring both safety and performance.

Powered by cutting-edge nanotechnology, UVA Topcoat extends the service life of critical surfaces such as polyester, epoxy, polyurethane, acrylic resins, steel, aluminum, composites, and wood. It effectively prevents corrosion, surface degradaonmental wear—making it the ideal all-in-one solution to protect exterior and interior surfaces.

Why UVA Topcoat is a Game-Changer in Protection?

For decades, protective coatings like epoxy, polyurethane (PU), and acrylic have been the industry standard. However, they all share a critical weakness—UV degradation. Prolonged exposure to sunlight causes these coatings to yellow, crack, and deteriorate, leading to costly maintenance and premature failures.

Superior Performance at the Lowest Cost.

UVA Topcoat isn't just another coating—it's a next-generation solution designed to simplify and reduce costs maintenance. By replacing complex, multi-layer systems with a single, high-performance layer, it streamlines your coating process. Applied directly over existing automotive paints and materials, UVA Topcoat eliminates the need for expensive refinishing or additional topcoats, saving both time and money. Its advanced chemistry and ease of application make traditional coating systems obsolete for floors, pipelines, storage tanks, bridges and many more.

Whether protecting these surfaces, UVA Topcoat simplifies your workflow and maximizes value—demonstrating that outstanding durability and protection don't have to come with a premium price.

Where can UVA Topcoat be used?

UVA Topcoat is highly versatile and ideal for a wide range of industrial and factory applications:

Exterior Structures – Facades, loading/unloading areas, storage tanks, and pipelines for long-term protection against weather and UV radiation.
Production Areas – Floors, walls, and machine guards with resistance to chemicals, abrasion, and impacts.
Storage & Logistics Zones – Racks, shelving, conveyor systems, and container exteriors for easy cleaning and a durable finish.
Utility Equipment & Framework – Beams, supports, ducts, and panels with corrosion resistance against moisture and aggressive environments.

Compatible for both new installations and maintenance work, UVA Topcoat adapts to various materials and harsh conditions commonly found in industrial operations.

How it Works
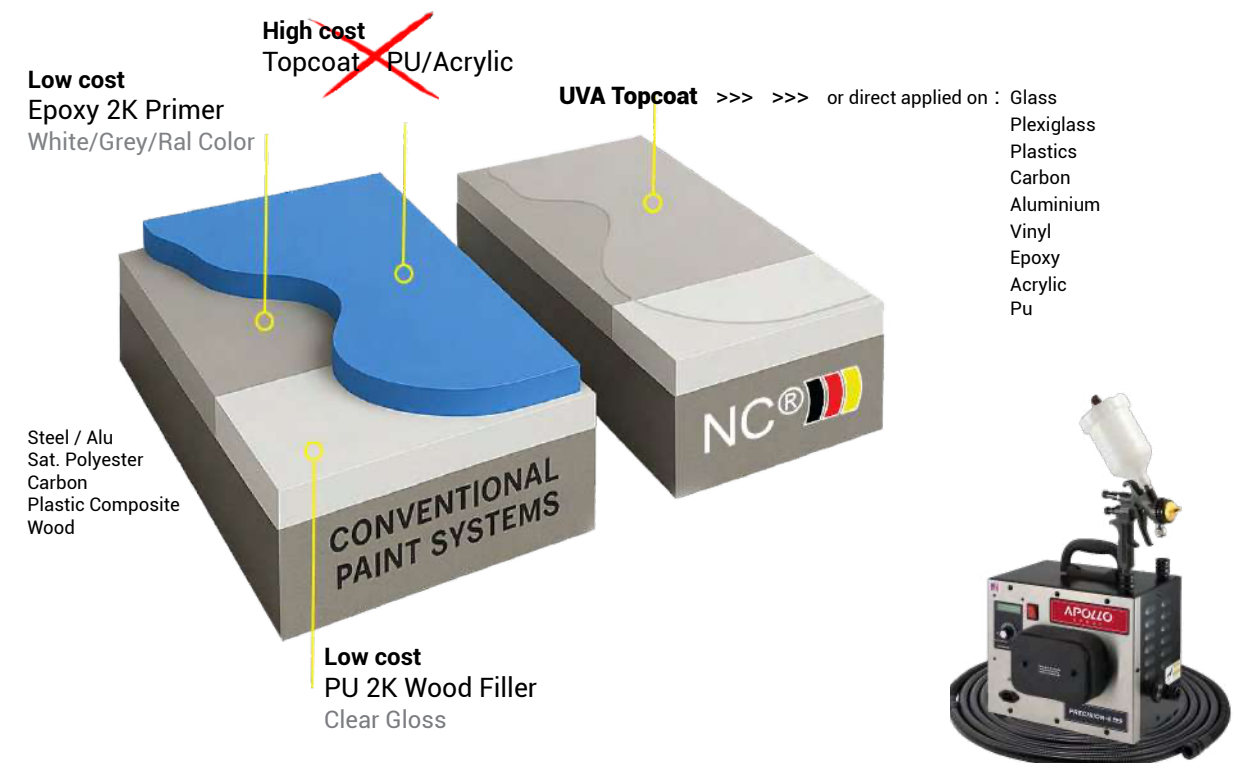
Freedom in Protection Years

Long-Lasting Protection, Layer by Layer

A single 6 µm (micron) layer applied using HVLP spray technology can provide up to 8 years of protection. Need more durability? Just add more layers—it's that simple.

Apply wet-on-wet: once the first coat flashes off (dry to the touch but still tacky), you can immediately apply the next. This method prevents trapped gases and creates a seamless, chemical-resistant film with hydrophobic properties—making surfaces easier to clean and maintain.

Coverage & Application Efficiency

UVA Topcoat is engineered for maximum efficiency with minimal material use— delivering high-performance protection at a fraction of the volume required by traditional coatings.

Recommended usage is approximately ±12.5 g/m² per layer (by wipe or spray), resulting in a film thickness of around 6 microns, with one liter covering up to 80 m²..
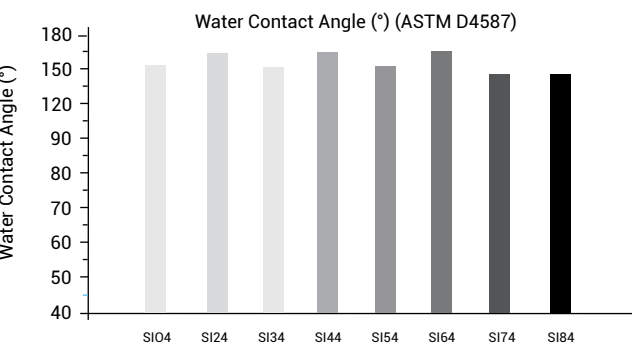
Color Tinting Option

For customized aesthetics, UVA Topcoat can be tinted using our colorants on pages 22–23. These high-performance, solvent-free pigments deliver long-lasting color stability and excellent UV resistance—ideal for exterior and interiors, areas where both protection and appearance are essential. Perfect for any visible surface requiring a durable, colored finish without compromising the coating's hydrophobic and chemical-resistant properties.
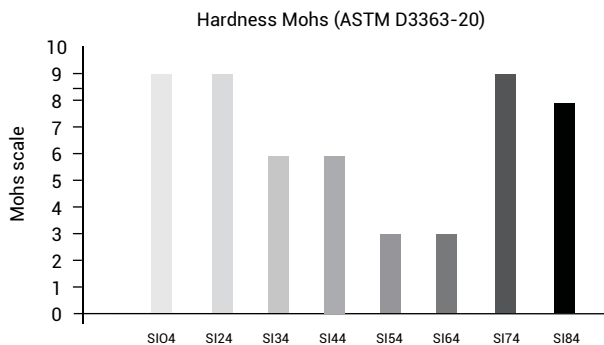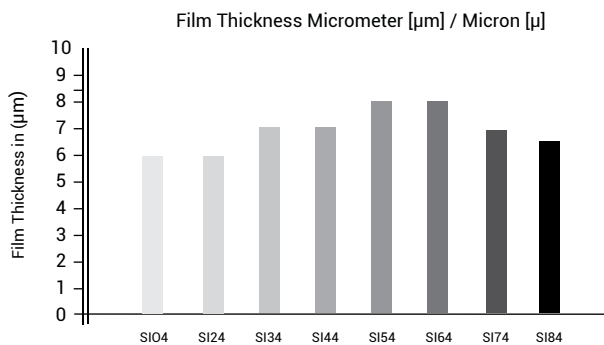
Quality Comparison of paints technologies

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

Characteristics	Acrylic Latex walls ceilings	Acrylic walls floors	Epoxy floors	Polyurethane waterproofing	UVA Topc 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	550°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 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	8/16/24

Film Thickness Micrometer [µm] / Micron [µ]

Hardness Mohs (ASTM D3363-20)

Water Contact Angle (°) (ASTM D4587)

SIO4 1-Component (2K)

Topcoat Transparent
for glossy surfaces

Article Nr	: SIO41LUVA 1 L / 920 g SIO405UVA 500 ml / 460 g
Consumption	: 3 layers +/- 34.6 g/m² - 37.5 ml/m² 18 micron = 20 m²
Reachable area	: 2 layers +/- 23.0 g/m² - 25.0 ml/m² 12 micron = 40 m²
	: 1 layer +/- 11.5 g/m² - 12.5 ml/m² 6 micron = 80 m²
Hardness/Cupping	: H9 / Flexibility ISO 1520 >21mm
Used for	: Facades, floors, storage tanks, pipelines dll.
Application field	: Buildings, factories, offshore structures, bridges, dll.

SIO4 is an incredibly strong 1-component paint system
which forms a durable matrix of molecular bonds (transformation
to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

• Easily repels water, dirt, dust, and pollutants.

• This coating is permanent hydrophobic.

• Restores damaged finishes and reduces cleaning intervals.

• Resistant to all kinds of chemicals and UV radiation.

• Superior anti-pollution and anti-corrosion properties.

• This coating can withstand temperatures of 550°F.

Expected life duration 4-16 or 24 Years (layer thickness)

How to use: Page 28

- Easy to apply
  Repaintable
- Cut maintenance costs
- Anti-water spot
  Anti-corrossion
- Permanent hydrophobic
- Self-cleaning
  Cleaner for longer
- Anti-scratch
- Impact Resistance
  30"-2lbs
- Protects your investment

SI24 1-Component (1K)

Topcoat Transparent
for matte surfaces

Article Nr	: SI241LUVA 1 L / 920 g SI2405UVA 500 ml / 460 g
Consumption	: 3 layers +/- 34.6 g/m² - 37.5 ml/m² 18 micron = 20 m²
Reachable area	: 2 layers +/- 23.0 g/m² - 25.0 ml/m² 12 micron = 40 m²
	: 1 layer +/- 11.5 g/m² - 12.5 ml/m² 6 micron = 80 m²
Hardness/Cupping	: H9 / Flexibility ISO 1520 >21mm
Used for	: Facades, floors, storage tanks, pipelines dll.
Application field	: Buildings, factories, offshore structures, bridges, dll.

SIO4 is an incredibly strong 1-component paint system
which forms a durable matrix of molecular bonds (transformation
to ceramic) resulting in permanent protection of the surface.

Three simple steps: Clean, Dry, and Apply.

• Easily repels water, dirt, dust, and pollutants.

• This coating is permanent hydrophobic.

• Restores damaged finishes and reduces cleaning intervals.

• Resistant to all kinds of chemicals and UV radiation.

• Superior anti-pollution and anti-corrosion properties.

• This coating can withstand temperatures of 550°F

Expected life duration 4-16 or 24 Years (layer thickness)

How to use: Page 28

- Easy to apply
  Repaintable
- Cut maintenance costs
- Anti-water spot
  Anti-corrossion
- Permanent hydrophobic
- Self-cleaning
  cleaner for longer
- Anti-scratch
- Impact Resistance
  30"-2lbs
- Protects your investment

Multi-Grade Color Protection — Super Transparent

For boats where weight, speed, and durability matter, our advanced hybrid coating system offers a breakthrough: vibrant transparent tints or metallic finishes without sacrificing performance. By blending NANO-CERAMIC® Super Transparent Colorants into our UVA Topcoat, you get:

Ultra-thin coating (<15 microns) = minimal weight

H9 surface hardness = max scratch resistance

Hydrophobic & anti-fouling = fast cleaning, less drag

UV & salt resistant = marine-grade longevity

Chemical atack resistant

Clear or colored: keep visibility through glass or plexi

Optional metallic effect for custom marine finishes

TR.OXIDE YELLOW A-2R 130
Masstone
Tint
77492-1   100 ml

TRANSOXIDE RED A-G 130
Masstone
Tint
77491-1   100 ml

YELLOW A-N4G 100-ST
Masstone
Tint
279376   100 ml

RED A-P2Y 100-ST
Masstone
Tint
289404   100 ml

PINK A-EB 100-ST
Masstone
Tint
287516   100 ml

BLUE A-BTR 100-ST-
Masstone
Tint
290247   100 ml

BLUE A-BTG 100-ST
Masstone
Tint
275536   100 ml

GREEN A-GBX 100-ST
Masstone
Tint
323291   100 ml

BLACK A-NB 100-ST
Masstone
Tint
289518   100 ml

BLACK A-NY 100-ST
Masstone
Tint
272060   100 ml

Lightweight, Ultra-Hard, Built for Speed. Opaque Ral

Este sistema de recubrimiento mejora tanto el rendimiento como la estética, haciendo que las superficies pintadas sean más duraderas, más limpias, más seguras y más refinadas.

YELLOW A-F2G 100
Masstone
Tint
11785   100 ml

YELLOW A-H3G 100
Masstone
Tint
11781   100 ml

YELLOW A-HRD 100
Masstone
Tint
21108   100 ml

ORANGE A-HLD 100
Masstone
Tint
11780   100 ml

RED A-D3GD 130
Masstone
Tint
56110   100 ml

PINK A-E 130
Masstone
Tint
73915   100 ml

RED VIOLET A-ER 130
Masstone
Tint
73900   100 ml

VIOLET A-RL 100
Masstone
Tint
51319   100 ml

BLUE A-BG 100
Masstone
Tint
74160   100 ml

GREEN A-GNX 130
Masstone
Tint
74260   100 ml

BLACK A-N 100
Masstone
Tint
77266   100 ml

OXIDE YELLOW A-BV 100
Masstone
Tint
771740   100 ml

OXIDE YELLOW A-CR 100
Masstone
Tint
77310   100 ml

OXIDE YELLOW A-R 100
Masstone
Tint
77492   100 ml

OXIDE RED A-B 100
Masstone
Tint
77491   100 ml

WHITE A-R 100
Masstone
Tint
77891   100 ml

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 300°C 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.
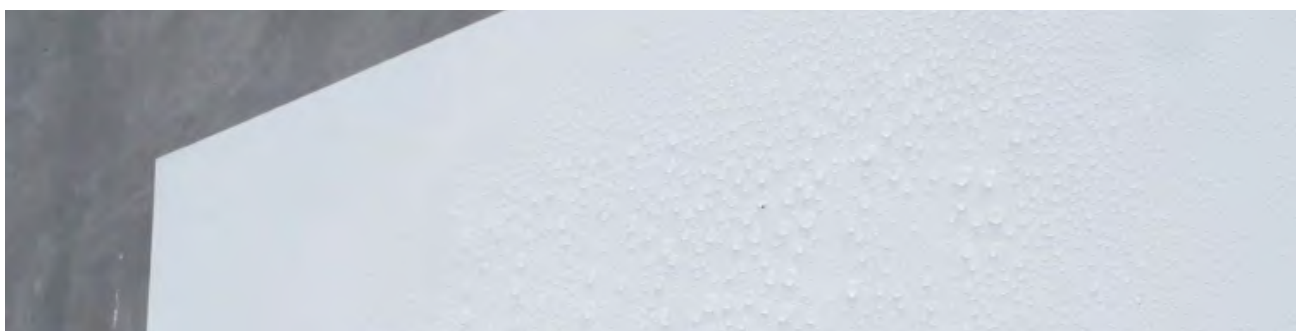
Is NANO-CERAMIC Permanent Coating System self-cleaning?

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 **Coolest White Paint** has superb reflective properties of about 80% of the sun rays. Our **Coolest White Paint** shields buildings by blocking sunlight (passive cooling by +/- 6°C), which effectively can reduce annual electricity cost and greenhouse gases.

Our high tech reflective **Coolest White Paint** cools down the heat which means less air-conditioning. NANO-CERAMIC **Coolest White Paint** has an extremely high TSR value (Total Solar Reflectance) of 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
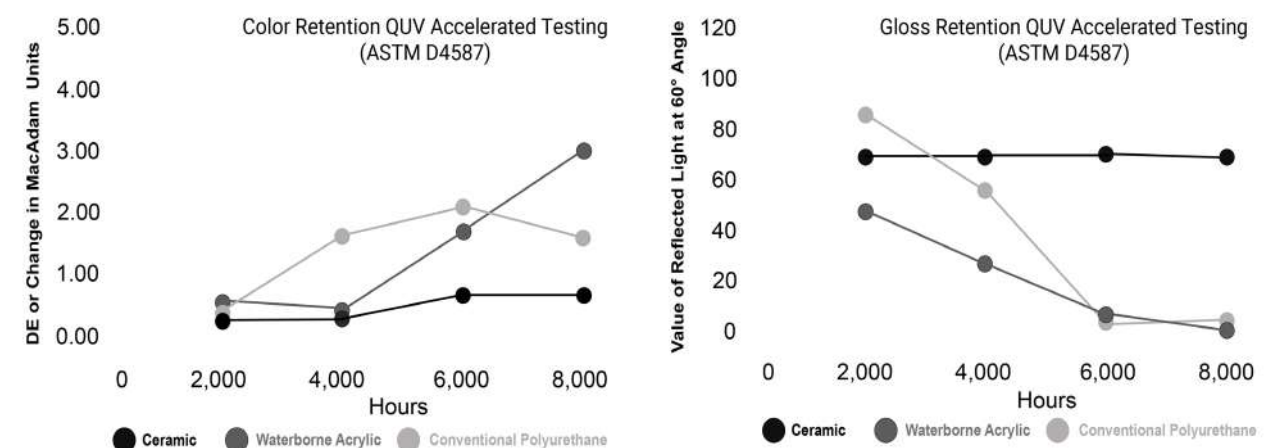
A special selection of high grade tinting chemicals computerized dispersed in a superior ceramic resin.

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.

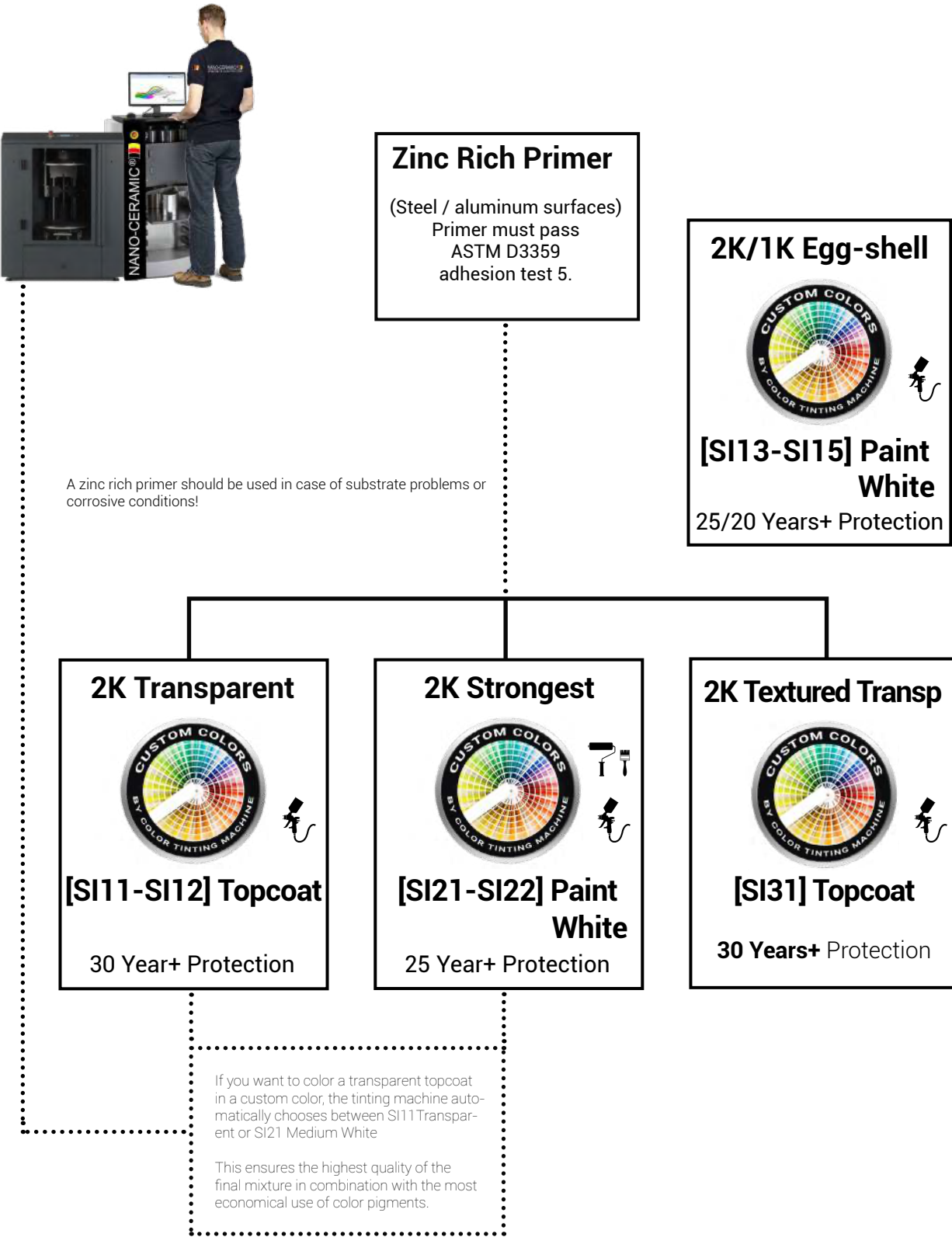| Characteristics	Acrylic Latex walls ceilings	Acrylic walls floors	Epoxy floors	Polyurethane waterproofing	CERAMIC® all surfaces
Primer	**Yes**	**Yes**	**Yes**	**Yes**	No
Adhesion Strength	**Poor**	**Poor**	**Poor**	**Poor**	Excellent
Cross Cut Test	**Poor**	**Poor**	Good	**Poor**	Excellent
Abrasion 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	**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
Permeability water vapour	**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+

Permanent Coating Protection Plan for Industrial Objects

Zinc Rich Primer

(Steel / aluminum surfaces)
Primer must pass
ASTM D3359
adhesion test 5.

2K/1K Egg-shell

[SI13-SI15] Paint White

25/20 Years+ Protection

A zinc rich primer should be used in case of substrate problems or corrosive conditions!

2K Transparent

[SI11-SI12] Topcoat

30 Year+ Protection

2K Strongest

[SI21-SI22] Paint White

25 Year+ Protection

2K Textured Transp

[SI31] Topcoat

30 Years+ Protection

If you want to color a transparent topcoat in a custom color, the tinting machine automatically chooses between SI11 Transparent or SI21 Medium White

This ensures the highest quality of the final mixture in combination with the most economical use of color pigments.

APPLY VIDEO SCAN QR CODE

TEST REPORT SCAN QR CODE

SI11/SI12 2-Component (2K)

Topcoat Transparent
for glossy and matt surfaces

Article Nr	:	SI112000 2 L / 1.900 g SI122000 2 L / 2.000 g
Consumption	:	3 layers +/- 270 g/m^2 - 285 ml/m^2 75 micron = 7 m^2
Reachable area	:	2 layers +/- 180 g/m^2 - 190 ml/m^2 50 micron = 14 m^2
	:	1 layer +/- 90 g/m^2 - 95 ml/m^2 25 micron = 21 m^2
Hardness	:	H9
Used for	:	Gelcoat, fiberglass, steel, aluminum, plastics, wood, adiator tubes, walls, floors practically any surface.
Application field	:	Industrial objects

How to use: Page 29

If you want to color a transparent topcoat in a custom color, the tinting machine automatically chooses between SI11 Transparent or SI21 Medium White.

This ensures the highest quality of the final mixture in combination with the most economical use of color pigments.

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+

Easy to apply Repaintable

Cut maintenance costs

Anti-water spot Anti-corrossion

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

Article Nr	:	SI212000 2 L / 2.400 g SI222000 2 L / 2.500 g
Consumption	:	3 layers +/- 200 g/m^2 - 165 ml/m^2 90 micron = 12 m^2
Reachable area	:	2 layers +/- 130 g/m^2 - 110 ml/m^2 60 micron = 16 m^2
	:	1 layer +/- 65 g/m^2 - 55 ml/m^2 30 micron = 24 m^2
Hardness	:	H8
Used for	:	Gelcoat, fiberglass, steel, aluminum, plastics, wood, adiator tubes, walls, floors practically any surface.
Application field	:	Industrial objects

How to use: Page 29

If you want to color a transparent topcoat in a custom color, the tinting machine automatically chooses between SI11 Transparent or SI21 Medium White.

This ensures the highest quality of the final mixture in combination with the most economical use of color pigments.

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 30 years+

Easy to apply Repaintable

Cut maintenance costs

Anti-water spot Anti-corrossion

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 inpact resistant

Article Nr	: SI412000 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	: Gelcoat, fiberglass, steel, aluminium,
	: plastics, wood, virtually any surface.
Application area	: Buildings, marine, offshore structures, bridges, etc

How to use: Page 29

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 300°C.
- Zero absorbtion, waterproof, insulation and heat rejecting

Expected life duration up to 30 years+
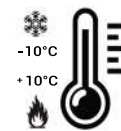
Easy to apply
Repaintable

Cut maintenance

Anti-water spot
Anti-corrossion

Permanent
hydrophobic

Self-cleaning
stays cleaner longer

Anti-scratch

Visibility
safety

Protects your
investment

Impact Resistance
1kg / 80cm

SI13 (2K) / SI15 (1K)

Paint Coolest White
for egg-shell surfaces

How to use: Page 29

Article Nr	: SI132000 2 L / 3.300 g SI152000 2 L / 3.000 g
Consumption	: 2 layers +/- 235 g/m² - 143 ml/m² 90 micron = 14 m²
Reachable area	: 1 layer +/- 118 g/m² - 72 ml/m² 45 micron = 28 m²
Hardness	: H7/H6
Used for	: Concrete, steel, wood, acrylic, gypsum
Application field	: Buildings, tunnels, walls, ceilings, 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+

Easy to apply
Repaintable

Cut maintenance
costs

Anti-water spot
Anti-corrossion

Permanent
hydrophobic

Self-cleaning
stays cleaner longer

Impact Resistance
1kg / 2lbs

Thermal Shock-
Resistant

Protects your
investment

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   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

Yelllow
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°)

Original — Cool white
RAL 9010 Pure white
RAL 9001 Cream white
RAL 5023 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 Platium
RAL 9005 Jet Black
RAL 5018 Turqoise bleu
RAL 6027 Light green
RAL 5000 Violet blue
RAL 5012 Light blue
RAL 5002 Ultramarine blue
RAL 5013 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°)

Transparent matte
RAL 7031 Blue grey
RAL 9005 Jet black
RAL 6006 NATO green
RAL 7024 Graphite grey
RAL 1015 Desert sand
Camo beige
Dark grey camo
Dark brown camo
RAL 6022 Olive drap
Very dark drap

Light stone
RAL 6031 Bronze green
RAL 6451 Brunswick green
RAL 7015 Dark sea grey
RAL 5008 [RAF] Blue grey

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

Prisma-RT

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 at a relative humidity of 40-80% and can be painted over within 8 hours 30°C, 1 hours 60°.

SIX2 2-Component (2K)

Primer Surfacer Acrylic Alkyd
smooth - surface modifier

Article Nr	: SIX21250-WH/GR 1.25 L / 1.45 kg SIX25000-WH/GR 5 L / 5.8 kg
Consumption	: 2 layers +/- 200 g/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°.

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.

Fast Repaintable

Excellent adhesion

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%.

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

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.

Wood or Natural Stone - Filler

SIX5 2-Component (2K)

Putty Polyester
ultra smooth - sandable

Article Nr	: SIX51000-WH/GR 1 kg
Colors	: White, Grey
Used on	: Metal, wood, fiberglass, concrete, plastics
Application area	: Transportation.

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

Article Nr : SOLV0400 SOLV0400 400 ml / 345 g   SOLV2000 2 L / 1760 g   SOLV5000 5 L / 4400 g

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 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 spead up the curing process you can add the high efficient ACCL Accelerator.

Scan QR Code for TDS and SDS

Video Application & (Test) Results

SGS TEST REPORTS SCAN QR-CODE

TECHNICAL VIDEO SCAN QR-CODE

TEST REPORT EN 1504-2 SCAN QR-CODE

How to use our UVA Coating System:

These products can be stored for up to 24 months *(in a dry, temperature-stable dark environment)*
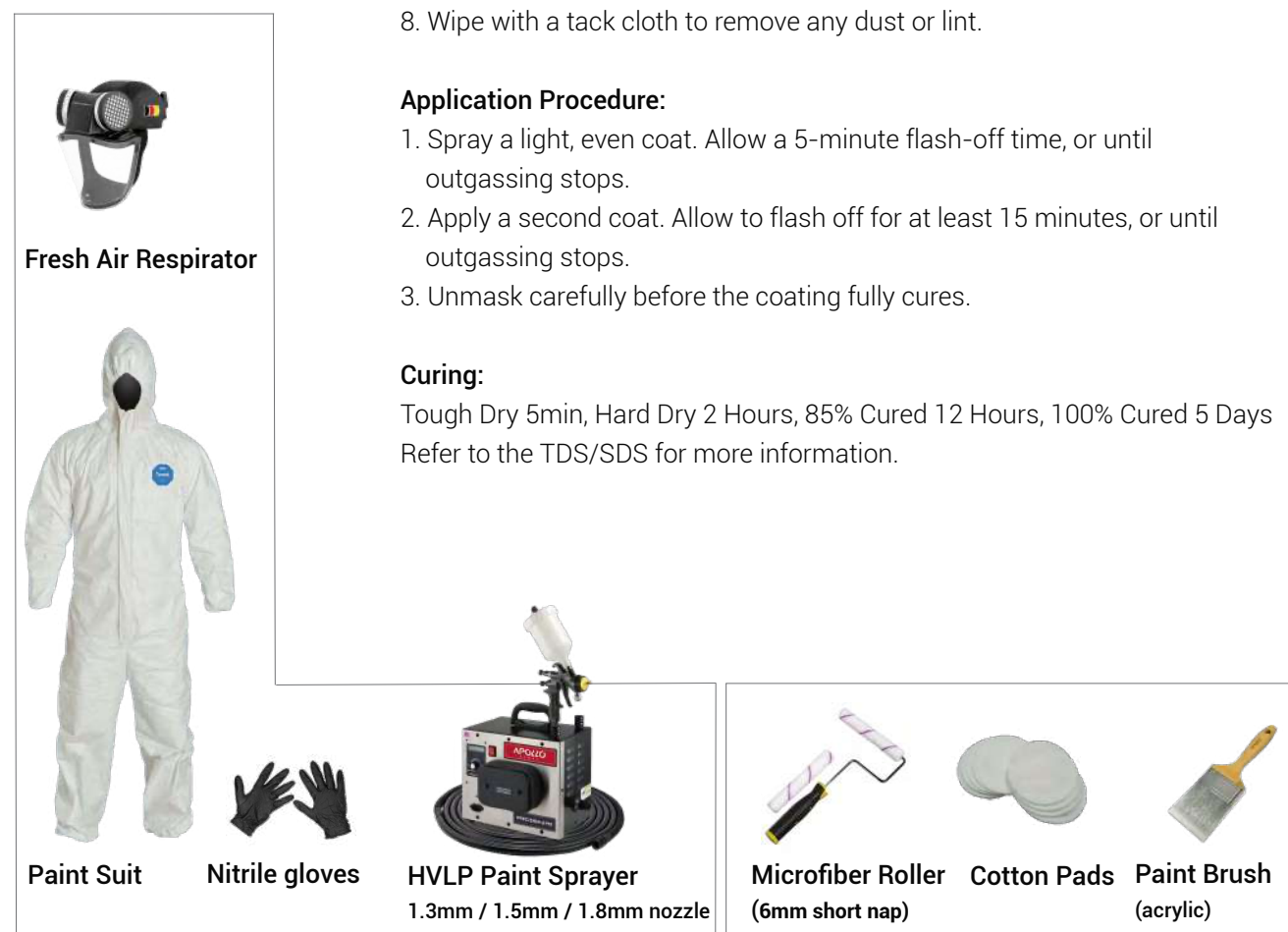
Processing Temperature:
Ambient temperature: 5-30°C
Avoid direct sunlight, Rain and /or high humidity.

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:

Application information:
Protect or Renew; Marble, Granite, Varnished wood, HPL, PVC or Vinyl laminate and Melamine. Creates an easy-to-clean, anti-scratch surface that is resistant to UV Discoloration, HF (Hydrofluoric Acid), Hydrochloric Acid, and Citric Acid.

Wipe Application; 1. Clean the surface 2. Sterilize the surface 3. Apply via the cotton pad an even layer 4. Let it cure.

Spray Application; Use an HVLP (High Volume Low Pressure) spray gun with 60–80% transfer efficiency. Fit the spray gun with a 1.0-1.3 mm fluid tip. Set air pressure to 20–30 psi.

Preparation Steps:
1. Stir the coating thoroughly for 30 seconds before use.
2. Prior to application, strain the mixed coating through a suitable paint filter (e.g., 190–250 μm) to ensure a clean, defect-free spray.
3. Wash and decontaminate the surface.
4. Wet sand / scuff using 1500–2000 grit sandpaper.
5. Mask off any parts not to be coated.
6. Ensure environmental conditions are below 65% humidity.
7. Perform a final clean using 100% acetone.
8. Wipe with a tack cloth to remove any dust or lint.

Application Procedure:
1. Spray a light, even coat. Allow a 5-minute flash-off time, or until outgassing stops.
2. Apply a second coat. Allow to flash off for at least 15 minutes, or until outgassing stops.
3. Unmask carefully before the coating fully cures.

Curing:
Tough Dry 5min, Hard Dry 2 Hours, 85% Cured 12 Hours, 100% Cured 5 Days
Refer to the TDS/SDS for more information.

Fresh Air Respirator

Paint Suit **Nitrile gloves** **HVLP Paint Sprayer**
1.3mm / 1.5mm / 1.8mm nozzle

Microfiber Roller **Cotton Pads** **Paint Brush**
(6mm short nap) (acrylic)

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:
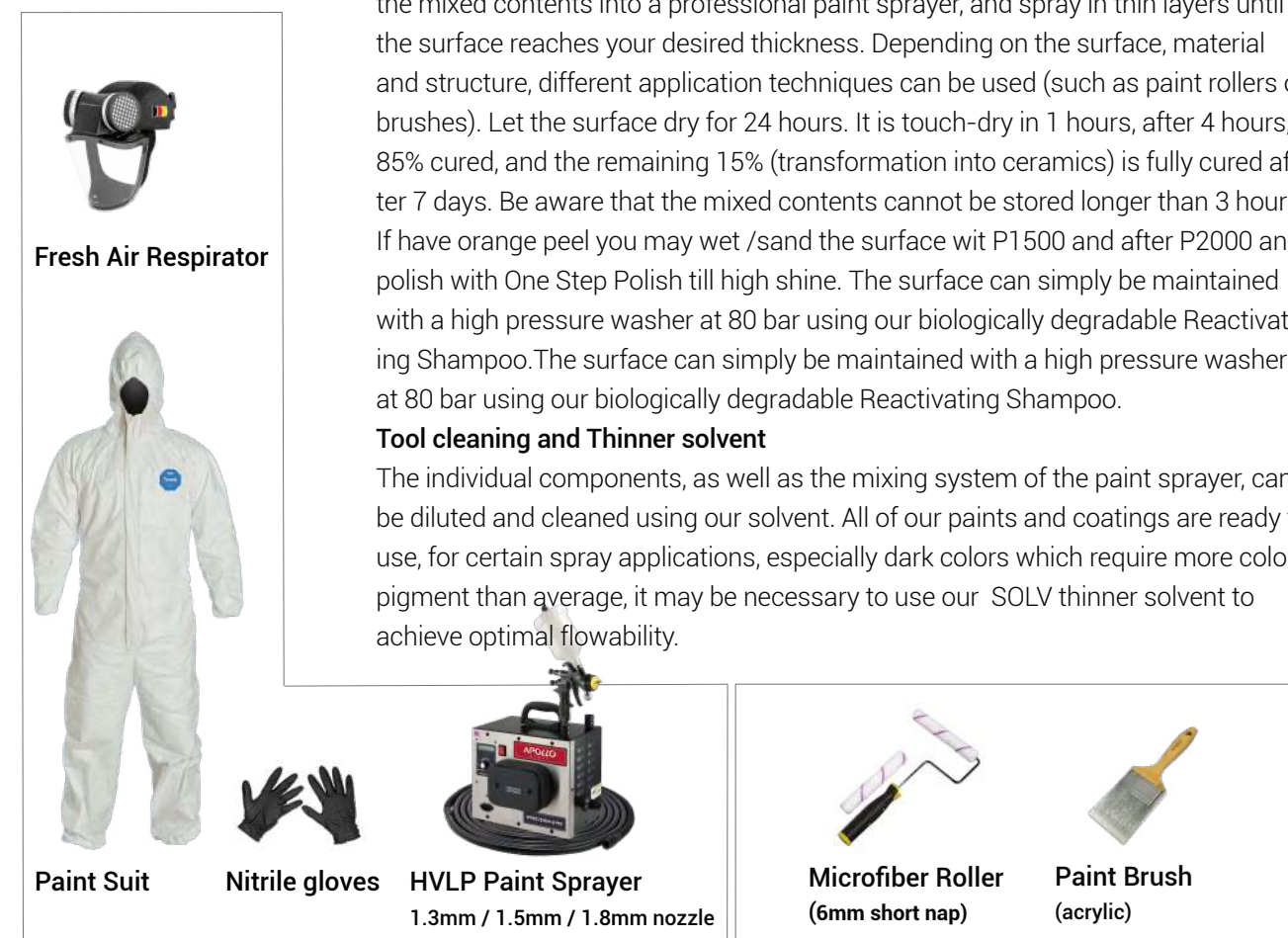
Application information:
The SI11/SI12/SI21/SI14/SI31 coatings can be applied directly or indirectly on all surfaces (porous and non-porous) such as concrete, steel, wood, glasfiber, acrylic, gypsum, painted or unpainted surfaces, indoors, or outdoors. The surface underneath will be superbly protected 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 for ferrous metals that are exposed to coastal and marine environments or 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-SI31B with the can of SI11A-SI12A-SI21A-SI31A by pouring can B into can A, or measure **exactly by NET WEIGHT** in a ratio of 9:1 **by using a scale** and **mix very well**.

Mix SI14A2800 with SI14C0800 with by pouring can C into can A, or measure **exactly by NET WEIGHT** in a ratio of 7:2 **by using a scale** and **mix very well**, then add the entire content of SI14B0400 or measure **exactly by NET WEIGHT** in a ratio of 7:1 (compared to SI14A2800) **by using a scale** and **mix very well**. Carefully pour the mixed contents into a professional paint sprayer, and spray in thin layers until the surface reaches your desired thickness. Depending on the surface, material and structure, different application techniques can be used (such as paint rollers or brushes). Let the surface dry for 24 hours. It is touch-dry in 1 hours, after 4 hours, 85% cured, and the remaining 15% (transformation into ceramics) is fully cured after 7 days. Be aware that the mixed contents cannot be stored longer than 3 hours. If have orange peel you may wet /sand the surface wit P1500 and after P2000 and polish with One Step Polish till high shine. The surface can simply be maintained with a high pressure washer at 80 bar using our biologically degradable Reactivating Shampoo.The surface can simply be maintained with a high pressure washer at 80 bar using our biologically degradable Reactivating Shampoo.

Tool cleaning and Thinner solvent
The individual components, as well as the mixing system of the paint sprayer, can be diluted and cleaned using our solvent. All of our paints and coatings are ready to use, for certain spray applications, especially dark colors which require more color pigment than average, it may be necessary to use our SOLV thinner solvent to achieve optimal flowability.

Fresh Air Respirator

Paint Suit **Nitrile gloves** **HVLP Paint Sprayer**
1.3mm / 1.5mm / 1.8mm nozzle

Microfiber Roller **Paint Brush**
(6mm short nap) (acrylic)

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