Brochure Permanent Coating System

Zero Maintenance
Always like New!!
What is NANO-CERAMIC® Permanent Coating System?

NANO-CERAMIC® is a protective layer of ceramic material whose smallest and hardest particles provide superior scratch resistance and protection for all factory paints and exterior surfaces.

What makes NANO-CERAMIC® Permanent Coating System so different?

NANO-CERAMIC® more than 4 times stronger than original factory paint like acrylic. This allows NANO-CERAMIC® to effectively prevent damage that should affect the original surface underneath. The original surface or paint is well protected and maintained.

Our coatings can withstand temperatures of 600°C and can be used to make walls more fire retardant. As a result building constructions could be made lighter and buildings could be made higher.

NANO-CERAMIC® coating is resistant to all kinds of acid, such as bird droppings. Unlike the conventionall paints, where other paints easily can be permanently damaged.

Also external impurities such as carbon dioxide can enter in conventional paints, this is not possible with our 2 component ceramic coating. This coating is so strong that it can withstand almost anything, even a severe chemical attack.
What are the benefits of NANO-CERAMIC® Permanent Coating System?

NANO-CERAMIC® will provide the surface with a superior permanent clear coat film that is resistant to chemical etching, much harder than conventional acrylic paints, with a permanent hydrophobic surface that is self cleaning, easier to clean, will stays cleaner for longer and always looks like new.

NANO-CERAMIC® coating system can be applied direct or indirect on all kind of surfaces (absorbing and non-absorbing), such as concrete, steel, wood, acrylic, gypsum, painted or unpainted without the need of a primer.

The System is available in transparent and transparent matte. The surface underneath will be protected against corrosion and pollution and will be cleaner for longer, and the cleaning itself becomes less time and less expensive as special cleaning agents are unnecessary.

The strongest and cleanest paint on the globe made by NANO-CERAMIC®

NANO-CERAMIC® Our coating system is tested according the european norm for outdoor paints EN 1504-2 what include: cross cut test, carbon dioxide permeability, permeability to water vapour, water absorption, thermal change, thermal shock, aging at 70°C, resistance against chemical attack, impact resistance, adhesion strength pull-off test, behaviour after atmospheric agents UV radiation. No deviations from the standard or visual changes where observed.
SI11 Transparent 2 - Component
Permanent Coating System
for glossy paint/surfaces

Article Nr: : SI11000 1Kg

Consumption : +/- 50gr-70gr/m² depending on structure
  minimal thickness 0.10mm 10 Years 1Kg = +/- 20-30m²
  minimal thickness 0.20mm 20 Years 1Kg = +/- 15-20m²

Used for: : glossy/paint surfaces like:
  concrete, mineral stone, metal, wood, fiberglass
  glossy/paint surfaces, indoor and outdoor

Application area: : buildings, airports, offshore, bridges, tunnels
  hotels and projects of private housing, etc.

SI11 is a permanent 2-component glossy surface coating system which bonds molecular and permanently onto glossy painted and smooth unpainted surfaces resulting in permanent and long lasting protection.

Three simple steps Clean, Dry and Apply, resulting in:
• Water and dirt get no change to penetrate, and are easy to remove.
• Self cleaning and / or outstanding hydrophobic effect.
• On walls and / or tunnels cleaning intervals, restoration will be greatly reduced.
• Resistant against all kind of chemicals and UV radiation
• Superior anti pollution and anti corrosion coating
• This coating can withstand temperatures of 600°C therefore suitable for making walls fire retardant.

Will last permanent for up to 20 year

How to use: See page 9

NANO-CERAMIC®
THE NEW GENERATION COATINGS
NANO-CERAMIC.COM
Super Strong - Scratch Proof
SI12 Transparent Matte 2 - Component

Permanent Coating System for matte paint/surfaces

Article Nr: SI121000 1Kg

Consumption: +/- 50gr-70gr/m² depending structure
  Minimal thickness 0.10mm 10 Years 1Kg = +/- 20-30m²
  Minimal thickness 0.20mm 20 Years 1Kg = +/- 20-15m²

Used for: matte/paint surfaces like:
  concrete, mineral stone, metall, wood, fiberglass
  and painted surfaces

Application area: buildings, airports, offshore, bridges, tunnels
  hotels and projects of private housing, etc..

SI12 is a permanent 2-component matte surface coating system which bonds molecular and permanently onto glossy painted and smooth unpainted surfaces resulting in permanent and long lasting protection.

Three simple steps Clean, Dry and Apply, resulting in:

• Water and dirt get no change to penetrate, and are easy to remove.
• Self cleaning and / or outstanding hydrophobic effect.
• On walls and / or tunnels cleaning intervals, restoration will be greatly reduced.
• Resistant against all kind of chemicals and UV radiation
• Superior anti pollution and anti corrosion coating
• This coating can withstand temperatures of 600°C therefore suitable for making walls fire retardant.

Will last permanent for up to 20 years

How to use: See page 9

A = 750gr   B = 250gr
100% Waterproof - Always Clean
A good investment creates long term profit!

**NANO-CERAMIC®** Housing prices go steady up due to inflation, one reason more to invest in a long lasting high performance coating, acrilic coatings look cheap however we need to keep in mind that it needs to be repainted every 5 years, that means the current price will not count over five, ten, fifteen or twenty years from now, in this way is a high performance coating is an optimal investment for the future.

**e-Warranty**

**NANO-CERAMIC®** quality assurance and reliability are assured with SI11 and SI12 for 5 years if applied with a minimal thickness of 0.10mm and 10 years if applied with minimal thickness of 0.20mm.

The limited product warranty entitles the Purchaser of SI11-SI12 for new housing applications. When professionally installed by one of our approved installers on new paintwork from concrete walls only, from discoloration, peeling, or delaminating.

All claims caused by wrong cleaning chemicals other than our NWAS Reactivating Hydrophobic Fast Dry Gloss Shine Shampoo will be neglected. Warranty is only valid if it is registered by one of our approved Installers via our E-Warranty registration form on our website.
HOW TO USE:
NANO-CERAMIC® SI11-SI12 Permanent Coating System

These products can be stored for up to 24 months (in a dry, temperature stable dark environment)

Consumption:
Approx. +/- 50gr/m²
Processing temperature: 5-30°C
Avoid direct sunlight and/or high air humidity.

IMPORTANT:
Before you use a NANO-CERAMIC® product please make sure you wear suitable protection gear. We always recommend to use Latex or Nitril gloves to make sure your hands are protected from any possible damage to your skin.
It's absolutely necessary to wear a full face chemical respirator mask and safety suit.

Applicators:

Application information
The SI11-SI12 system can be applied direct or indirect on all building surfaces (absorbing and non-absorbing) such as concrete, steel, wood, acrilic, gypsum, painted or unpainted, indoor or outdoor.
The surface underneath will be protected against erosion and corrosion and will be cleaner for longer, and the cleaning itself becomes less time and less expensive as special cleaning agents are unnecessary.
Make clean the surfaces thoroughly until the complete surface is absolutely clean. If necessary use our Reactivating Pure Shine Shampoo in combination with a high pressure washer. Make sure that all contamination is removed so that the coating can bond properly onto a clean surface. Make sure that the surface is completely dry before application! The surface may not become wet during application and 24 hours after application!

This is a 2-Component Nano Coating System
Mix bottle SI11B-SI12B (250gr) with bottle SI11A-SI12A-SI13A (750gr) by pouring the bottle B bottle into the A bottle, or measure exact by net weight in the ratio 3:1 and mix it very well. Carefully pour the mixed content into paint sprayer, spray in thin layers till the surface reach a thickness of 80 or 200μm / 0.1mm or 0.2mm after drying, depending on your choice of protection 10 or 20 years.
Depending on the face, material and structure, different application techniques can be used: Paint Roller, or Paint Brush. Let the surface dry for 24 hours. (85% is cured after 24 hours, and the remaining 15% will be fully cured after 7 days). Be aware that the mixed content can not be stored longer than 3 hours.

Maintenance
The surface can simply be maintained with a High Pressure washer at 80-120 bar using our Biologically Degradable Reactivating Shampoo

Tool cleaning
The individual components as well as the mixed system from the paint sprayer can be diluted using our Steril Cleaner.
Nanowash
Gloss Shine - Fast Dry

Type Nr : NWAS1000 1 Liter / 32oz
          NWAS5000 30 Liter / 8gal
Consumption : +/- 18ml -25ml / 0.6-8.4oz  standard car
Used for : manual washing
Application field : sistem permanen

Nanowash is adding a glossy super hydrophobic layer while washing walls. After rinsing with water the wall dries 80% faster, and leaves less dry rings behind.

- Premium Grade, Shampoo High Gloss, low foam reduces drying rings.
- The shampoo has a build in hydrophobic effect, glass and paintwork stays cleaner for longer.
- Cleaning intervals will be greatly reduced.
- 80% faster dry, saving time and money.

- Super hydrophobic surface Angle >150 °

Dilution rate 1:50 Max 1:100
Hydrophobic effect will last up to 3 months

easy to apply by just washing your car
super hydrophobic >150°
anti water spot
easy to clean
cleaner for longer
MSDS Material safety Data Sheets

Corrosion Test

Tes

Tes

Tidak dilapisi

Dilapisi

How to Apply

Test Report Available

WATCH THE VIDEO

YouTube nano-ceramic.com

PCS Concrete EN1504-2

Paint Roller (Microfiber)

Paint Brush (Acrilic)

Paint sprayer 0.04 - 0.07” nozzle 1.00 -1.50 mm nozzle

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Do you know?

That our coatings are made of pure silica sand which is the most common element on earth?