Transport Coatings

Self Cleaning
Anti Scratch
UV-Resistant
Super Glossy
What is Nano-Ceramic®?

Nano-Ceramic® is a revolutionary ultra hard and longest lasting surface coating wearing ceramic in the world, that provides superior scratch resistance, and permanent protection for truck and bus paints, and for all in trucks and buses used materials like fiberglass, aluminium, stainless steel, glass and carbon. The coating bonds molecular and permanent onto the surface.

Nano-Ceramic® is flexible and can handle expansion and deformation such as the flexing of steel panels, the coating won’t crack, and can’t be peeled off.

Nano-Ceramic® is a permanent super gloss, and will give the surface a long lasting showroom condition, no need for waxes or other heavy cleaning agents.

Nano-Ceramic® is completely resistant to acidic environmental substances, as bird droppings, and to oxidation, even by salty water, this unlike factory paints and other parts which can be permanently damaged.

Nano-Ceramic® will not etch or dissolve when in contact with these substances, like salts, fuels, hydraulic fluids, and other harmful substances, and the clean and original surface is maintained.
What are the benefits of applying NANO-CERAMIC®?

NANO-CERAMIC® will provide the surface with a superior clear coat film that once cured has a permanent hydrophobic surface that is much easier to clean, and stays cleaner for longer. Resulting in less maintenance, less maintenance cost, and in a higher resale value over time, and as extra benefit a beautiful luxury gloss.

How it works?

Step 1 Surface layer of factory gel coat is damaged and contaminated.

Step 2 Technician decontaminates and polishes gel coat to produce a smooth and even surface.

Step 3 Thickness gel coating will be restored with a superior NANO-CERAMIC® layer.

Tip! Install it direct upon delivery of a new truck or bus!
The Perfect Scenario

- **SI06**
  - Glass / Acrylic
  - Windows

- **SI07**
  - URBAN Economic
  - 3 Year protection
  - Topcoat
    - Hydrophobic
    - Anti Scratch

- **SI10**
  - URBAN Basecoat
  - Permanent Protection

- **SI12**
  - URBAN Diamond
  - 5 Year protection
  - Topcoat
    - Hydrophobic
    - Anti Scratch

- **SIO9**
  - Interior Sealer
  - Fabrics & Leather

- **SIO9**
  - Optical

- **Shampoo Nano**
  - Re-activating
The Perfect Scenario Large Size

URBAN
Spray on
2-Component

15 Year
to
20 Year++
Permanent
Protection

Optional

SIO6
Glass / Acrylic
Windows

SIO9
Interior Sealer
Fabrics & Leather

Optional

SI11

Shampoo Nano
Re-activating

NANO-CERAMIC®
THE NEW GENERATION COATINGS
NANO-CERAMIC.COM
The benefits at a glance!

- Two simple steps Clean- and Apply
- Permanent protection from the surface underneath.
- Anti Scratch our layers are 4 times harder as factory paint.
- UV Ray Protection
- Superb protection against corosion
- This coating has an outstanding hydrophobic effect, and the surface stays cleaner for longer.
- After the coating has been applied the surface is much easier and quicker to clean and the adhesion of dirt is reduced drastically.
- Our hydrophobic ultra-dry-surface application, prevents icing.
- Due to a much smoother surface the truck safes on fuel or energy consumption.
- Cleaning intervals and maintenance costs will be greatly reduced.
- Retention of paint work, and all surfaces treated resulting in a higher resale value over time.

A clean and shiny bus or truck is the most important marketing tool towards your customers.
Leading in Durability

<table>
<thead>
<tr>
<th>Material</th>
<th>H Rating</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SI11 URBAN Permanent 2-Component MG</td>
<td>H9++</td>
<td>40% durable/harder, spray-on (hydrophobic)</td>
</tr>
<tr>
<td>SI10 URBAN Permanent</td>
<td>H9++</td>
<td>30% durable/harder, harder than SI07 (non-hydrophobic)</td>
</tr>
<tr>
<td>SI12 URBAN Diamond</td>
<td>H9+</td>
<td>20% more durable/harder than SI07</td>
</tr>
<tr>
<td>SI07 URBAN Economic</td>
<td>H9</td>
<td>10% more durable/harder than the average competitor</td>
</tr>
</tbody>
</table>

What is material nano science?

Wear Coefficient or expected lifetime, \( K \)

\[
K = \frac{(\text{wear volume} \times \text{hardness})}{(\text{normal load} \times \text{sliding distance})}
\]

Easy Order Entrance

Trying is the best way to convince yourself.

You can order directly from us through our automatic order entry system

www.store.nano.ceramic-com

Upon receipt of order we will issue an Invoice, and once payment is received we will ship the order by courier of your choice.
Where to use our coatings

Regular Maintenance Products

High End Ceramic Coatings
Protect your fleet with our super glossy invisible anti-scratch layers.

Processing ... hour depends on size

Step 1
Washing 30 min

Step 2
Polishing 4 hours

Step 3
Degreaser 1 hour

Step 4
Basecoat 1 Hour

Step 5
Nano Layer 1 hour

Step 6
Curing Time 6 hour ambients
HOW TO USE:
NANO-CERAMIC® SI06 SI07 SI10 SI12

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

Consumption:
Glass: appr. 2ml/m²
Steel 2ml/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.

RECOMMENDATION
The best effect is achieved by treating surfaces that are in new or almost new condition. We recommend to polish the surface before application.

CLEANING
Make clean the surfaces thoroughly until the complete surface is absolutely clean. If necessary use our Shampoo and Scrub Cleaner and use our Steril Pre-treatment Cleaner as a last step to make sure that all Scrub cleaner residue or 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.

APPLICATION SI10 BASECOAT PERMANENT
Shake bottle before use!! We recommend to apply the surface of the object in easy to handle segments of about 50x50cm. Put 5-6 drops SI10 on the mini towel 15x15cm using the applicator block underneath, devise the coating properly by going only 3 times over the same surface, you need to see that it is then is still a little wet. Wait +/- 15 seconds till the little wet surface lights up towards grey, then take the remaining residue of and buff it carefully, using two separate micro towels for this. Wait 2 hours before you continue with the application of the SI07
After 2 hours SI10 is 80% cured, and ready to receive SI07 or SI12.

Cut cleaning time and water usage with 50%

Our coatings are anti-corrosive, anti-icing and have self cleaning capabilities the layer push away water and dirt, and the surface is in that way much more easier to clean.
APPLICATION SIO7 / SI12
Shake the bottle before use!! We recommend to apply the surface of the object in easy to handle segments of about 50x50cm.

Put 3-4 drops/m2 of SIO7 or SI12 on the mini towel (15x15 cm) using the applicator block underneath.

Start deviding it from out of the middle of the surface, and keep spreading it around with light pressure in criss-cross motions until the product is evenly distributed, MOST IMPORTANT keep on doing this till no product residue is visible and no hazing is there.

If you use too much coating and-or spreading it out from example one start position in a corner of a panel then you will not be able to devide it properly and it will roll up on eachother and form a not equal layer. To use to much coating and not divide it equally is the second most critical point!!

Actually when you apply in this correct way then there is no need to use a micro towel for polishing anymore, but if you still prefer to buff it, then buff it very gently and make sure that you use clean towels which are free from any contamination.

Even graffiti paint is easy to remove with a pressure washer.

Our coatings are super hydrophobic even graffiti is easy to remove using a pressure washer.

And protect aluminium, stainless steel, and paintwork the invisible layer makes the surfaces anti scratch, anti-fingerprints and most important the original clearcoat underneath is preserved.

Applicators:

- 40100703
- 40200406
- 90100200
- 40100100
- 40100602

Anti Graffiti

Anti fingerprint

NANO-CERAMIC®
THE NEW GENERATION COATINGS
NANO-CERAMIC.COM
APPLICATION SIO6
Shake the bottles very well before use! Take a soft cotton pad and pour a few drops of the coating on it (start with small amounts, there is only very little product needed). Moisten all the Glass- or Wood panels evenly with firm pressure on the pad. When applied correctly you can now see a light grey veil on the surfaces. Polish away the grey veils after all solvents are vaporized, use a clean (microfiber) cloth, don’t use a lot of power to take them away.

CURING TIME
Directly after polishing the coating is dry and resistant against touching. At normal ambient temperature the coatings are completely cured after approximately 12 hours.

SIO6 is a superb safety feature for trucks and buses. In industry, super-hydrophobic coatings are already widely used in ultra-dry surface applications. In addition to these industrial applications, our super hydrophobic coatings have proven their use on vehicle windshields to prevent rain droplets from clinging to the glass.
Also for large surfaces coachwork we have the right sprayable solution.

SI11 Transparent 2 - Component
Metall / Paint / Fiberglass
Permanent coating system

Article Nr: SI11000 1KG / 2.205 lbs
Consumption: +/- 50gr-70gr/m² 1.8/2.5 oz/m²
Used for: metall, paint, fiberglass
Application area: Truck, Bus

SI11 is a permanent 2-component surface coating system which bonds molecular and permanently onto painted and unpainted surfaces resulting in permanent protection from the surface underneath.

Two simple steps Clean-Dry and Apply
• Water and dirt get no change to penetrate, and is easy to remove.
• This coating has an outstanding hydrophobic effect.
• On walls or tunnels cleaning intervals, or restoration will be greatly reduced. (anti-corrosion, anti-pollution)
• Resistant against all kind of chemicals and UV radiation
• Superior anti pollution and anti corrosion coating

Will last permanent for at least 15-20 year+
Application information

The SI11 system can be applied on mineral surfaces (absorbing and non-absorbing) such as bricks, sandstone, concrete, terracotta, stone etc. The SI11 system is 100% transparent and breathable. The surface 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 sealant 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!

This is a 2-Component Nano Coating System

Mix bottle SI11 A with bottle SI11 B by pouring the bottle SI11 B bottle into the A 1L bottle, or measure 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 appr. 80 - 200µm / 0.1-0.2mm / 0.004-0.008" after drying.

Depending on the face, material and structure, different application techniques can be used: Paint Roller, Paint Brush, or just Whiping the surface with a cotton cloth pad.

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 mixed content can not be stored longer then 3 hours.

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 can be diluted with our Steril Cleaner.

Consumption:
Stone: appr. 50ml/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:

- Cat sprayer 0.04 - 0.07” nozzle
- 1.00 -1.50 mm nozzle
- Chemical Full Face Respirator Mask
- Nitrile Gloves
- Paint Roller (Polyurethane)
- Brush (Polyurethane)
- Cotton Cloth Applicator
- Nitrile Gloves

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

Safety Paint Suit

NANO-CERAMIC®
THE NEW GENERATION COATINGS
NANO-CERAMIC.COM
SIO9 is an flexible invisible layer what connect to canvas, fabric and leather surfaces its super hydrophobic (repels water) and gives dirt less change to penetrate into the trated surfaces.

How to use our Fabrics and Leather Sealant SIO9:

**CLEANING**
Make clean the surfaces thoroughly until the complete surface is absolutely clean. If necesarry use our Reactivating Pure Shine Shampoo. Make sure that all contamination is removed so that the sealant can bound properly onto a clean surface. Make sure that the surface is completely dry before application!

**APPLICATION**
Shake the bottles very well before use! and spray until the surface is saturated.

**CURING TIME**
At normal ambient temperature the coatings are completely cured after approximately 24 hours.

**AFTERCARE**
We strongly recommend to use our re-activating shampoo, it reactivated the nano layer and cleans at the same time, without leaving a film of polymers or colouring chemicals behind as we

**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.
Si-Nano Protect® bonds molecular and semi-permanent onto painted and nano-coated surfaces, and is designed to prevent water spots, acting as a glossy protective layer and will last for multiple months with just one application.

- the surface is much easier and quicker to clean and the adhesion of dirt is reduced drastically.
- leaving a high gloss surface behind, this sealant has an outstanding hydrophobic effect, cleaner for longer.
- cleaning intervals and the form of water spots will be greatly reduced.
- can also be used on unlackered plastic-and chrome parts, what make the product extremely suited for all automotive, motor and scooter applications
- is very suitable for engine room protection and dashboard gloss renewal.
- Will last for 3 month

Preparation and Cleaning
- CLEAN0250 250ml Steril
- CLEAN0500 500ml Steril
- CLEAN1000 1 Liter Steril
- SHPO1000 1 Liter Shampoo

How to use:
- see page 18

- easy to apply
- hydrophobic
- water & oil repellent
- anti water spot
- easy to clean
- high gloss
- engine room & dashboard gloss & protection
- cars & motors gloss & protection

a hydrophobic glossy coating that protects nano coated cars, and non-coated cars.

SIPR
Ceramic Sealer
Si-Nano Protect®

Article Nr
- SIPR0250 250ml /8oz
- SIPR1000 1Litre /32oz

Consumption
Circa 12ml-15ml / 0.4-0.5oz (standard car)

Used for
High gloss & Water Spot prevention

Application field
Cars, Motorbikes, Scooters
NANO-CERAMIC® Si-Nano Protect®, Steril & Shampoo

HOW TO USE:

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

Consumption:
Appr. 12-15 ml/ 0.4-0.5oz for a standard size car or 2-3 trigger sprays one panel.

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.

Applicator:

40100703

CLEANING
Make clean the surfaces thoroughly until the complete surface is absolutely clean. If necessary use our Shampoo. And use our Steril Pre-treatment Cleaner as a last step to make sure that all residue or all contamination is removed so that the Si-Nano Protect® can bond properly onto a clean surface. (Make sure that the surface is completely dry before application!)

APPLICATION
Shake the bottles very well before use! Spray 2-3 times on a clean microtowel (start with small amounts, there is only little product necessary). Moisten a panel evenly. When applied correctly you can now see a light grey veil on the surface. Polish away the grey veils using a clean (microfiber) cloth.

CURING PERIOD
Directly after polishing away the grey veils, the surface can be touched. At normal ambient temperature the sealant is completely cured after approximately 10 minutes.

AFTERCARE
We strongly recommend to use our Re-activating Pure Shine Shampoo, it reactivates the layer and cleans at the same time, without leaving a film of polymers or colouring chemicals behind. what could eliminate the hydrophobic effect what the Si-Nano Protect® layer provides. Our re-activating shampoo is environmental friendly.
Si-Nano Vision® is an extremely high tech ceramic sealer that is especially designed for coated and non-coated car glass surfaces.

- glass is much easier and quicker to clean and the adhesion of dirt is reduced drastically.
- the sealant has an outstanding hydrophobic effect, glass stays cleaner for longer.
- cleaning intervals and the form of water spots will be greatly reduced.
- 30% better visibility in raining conditions. what leads to enhanced safety.

Will last for 3 month
HOW TO USE:

NANO-CERAMIC® Si-Nano Vision®, Steril & Shampoo

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

Consumption:
+/- 8-10 ml/one for standard size car or 2 trigger sprays one window.

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.

Applicators:

CLEANING
Make clean the glass thoroughly until the complete surface is absolutely clean. If necessary use our Shampoo. And use our Steril Pre-treatment Cleaner as a last step to make sure that all residue or all contamination is removed so that the Si-Nano Vision® can bound properly onto a clean glass surface. Make sure that the surface is completely dry before application!

APPLICATION
Shake the bottles very well before use! Spray 2times on a clean microtowel (start with small amounts, there is only little product necessary). Moisten a window evenly. When applied correctly you can now see a light grey veil on the surface. Polish away the grey veils using a clean (microfiber) cloth.

CURING PERIOD
Directly after polishing away the grey veils, the surface can be touched. At normal ambient temperature the sealant is completely cured after approximately 10 minutes.

AFTERCARE
We strongly recommend to use our re-activating shampoo, it reactivates the layer and cleans at the same time, without leaving a film of polymers or colouring chemicals behind. what could eliminate the hydrophobic effect what the Si-Nano Vision® layer provides.
Our re-activating shampoo is environmental friendly.

WINDSHIELD ADDITIVE
SiVI can also be used as windshield additive diluted in the ratio of 2/100
Testing Certificates

Permanent Coating System (PCS) EN1504-2
Material Safety Data Sheets


MSDS S11C.pdf  MSDS S11X.pdf  MSDS S1O1.pdf  MSDS S1O2.pdf  MSDS S1O3.pdf  MSDS S1O5.pdf

MSDS S1O6.pdf  MSDS S1O7.pdf  MSDS S1O8.pdf  MSDS S1O9.pdf  MSDS S1PR.pdf

Corrosion Test

Test

Uncoated surface

Coated surface

Instructions

WATCH THE APPLY VIDEO @ our Website

NANO-CERAMIC®  THE NEW GENERATION COATINGS  NANO-CERAMIC.COM
Do you know?
That our coatings are made of pure silica sand which is the most common element on earth?

Asian Region (Head office)
PT Nano Ceramic Indonesia,
The Central 88, Kemayoran, (The Linq) Jl. Trembesi Blok D3 No. 369
Pademangan, Jakarta, Utara
Indonesia 14410

info@nano-ceramic.com

Distribution
62 811 640 5000