

**NANO COATINGS
INDUSTRIAL**



NASIOL, is the world's leading producer of surface protection solutions using the latest developments in nanotechnology.

Nasiol's specially formulated products are widely used in the automotive, industrial, home, textile, personal accessories, and maritime sectors. Nasiol has an unrivaled execution and delivery in its efficient and powerful solutions for enterprises. We have a wide variety of industrial solutions, which are the choice of many industries with their high quality and uncompromising prices. Nanocoatings can be used in a lot of different industries either to improve the production process, product, or service which is offered. Our products have been tested and approved by many independent organizations. For reports and certificates, please contact your sales representative.

NASIOL supports its customers in every sense in industrial sales processes and approaches as a solution partner. NASIOL gives consultancy on many different topics.

- Product training
- Marketing support
- Technical support
- Problem solution
- R&D - P&D support and joint project development
- New product development
- Providing samples are some of the examples that require expertise.

Each one of our nanocoatings has unique value propositions but the most common benefits of nano protection coatings are;

- Anti-corrosion
- Hydrophobicity
- Oleophobicity
- Scratch resistance
- Easy to clean
- Anti-graffiti
- Stain resistance
- UV protection
- Chemical protection
- Antimicrobial and antiviral coatings



C

Nano Coating for Glass and Ceramic Surfaces

Nasiol C is a powerful and easy-applied nano coating for glass and ceramic surfaces.

Surface Gains

- Transparent nano coating
- Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean • Anti-icing

Benefit Outcomes

- Extends lifetime • Saves money • Keeps appearance
- Prevents fungi • Less lime stain • Less icing

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



Half a square meter of surface should be sprayed.



Surface should be buffed immediately with a dry, cotton cloth.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Glass and ceramic |
| Durability | 2 years |
| Consumption | 5 mL/m ² |
| Coating thickness | 75-100 nm |
| Water contact angle | 106° @10 µL |
| Oil contact angle | 84° @10 µL |
| Water sliding angle | 15° @20 µL |
| Temperature durability | 275°C |
| Transparency | 99.9% |
| Light refractive index | 1.625 (Glass) |
| Chemical resistance | 13>pH>1 |
| Salt water durability | ✓ |
| Shelf life | 2 years when unopened 1 month after opening |
| Storage conditions | -3°C to +30°C |

C1

Nano Coating for Glass and Ceramic Surfaces

Nasiol C1 is an economical and easy-applied nano coating for glass and ceramic surfaces.

Surface Gains

- Transparent nano coating • Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean • Anti-icing

Benefit Outcomes

- Extends lifetime • Saves money • Keeps appearance
- Prevents fungi • Less lime stain

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



Half a square meter of surface should be sprayed.



Surface should be buffed immediately with a dry, cotton cloth.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Glass and ceramic |
| Durability | 1 year |
| Consumption | 5 mL/m ² |
| Coating thickness | 75-100 nm |
| Water contact angle | 102° @10 µL |
| Oil contact angle | 72° @10 µL |
| Water sliding angle | 28° @20 µL |
| Temperature durability | 275°C |
| Transparency | 99.9% |
| Light refractive index | 1.625 (Glass) |
| Chemical resistance | 12>pH>1 |
| Salt water durability | ✓ |
| Shelf life | 2 years when unopened 1 month after opening |
| Storage conditions | -3°C to +30°C |



Glass and Ceramic Surfaces;
Aero, land and sea vehicles,
Building facade,
Billboards.

Please contact your customer representative
for other appropriate surfaces



OMNIPHOB M59

Nano Coating for Thermoset, Thermoplastic, Metal and Painted Surfaces

Nasiol Omniphob M59 is an ultimate nano protection product that has been developed for hard, smooth surfaces and ensures protection against environmental conditions with hydrophobic and oleophobic effect in a single layer of coating.

Surface Gains

- Ceramic nano coating • Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection • Easy clean
- Slow contamination • Renovation • Scratch resistance

Benefit Outcomes

- Extends lifetime • Saves money
- Keeps appearance • Satin texture

APPLICATION



Surface should be prepared according to the instructions.



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



Product is spread with an applicator pad.



Surface should be buffed immediately with a dry microfiber cloth subsequent to dropletization occurrence.



Curing time is 48h at 23°C - 50% RH.



SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Thermoset, thermoplastic, metal and painted surfaces |
| Durability | 5 years |
| Temperature durability | 150°C |
| Chemical resistance | 12>pH>1 |
| Salt water durability | ✓ |
| Consumption | 4 mL/m ² |
| Coating thickness | 800 - 1100 nm |
| Pencil hardness | 9H |
| Water contact angle | 107° @10 µL |
| Oil contact angle | 87° @10 µL |
| Water sliding angle | 17° @20 µL |
| Shelf life | 1 year when unopened 1 week after opening |
| Storage conditions | -3°C to +30°C |

Thermoset, Thermoplastic,
Metal and Painted Surfaces;
Aero, land and sea vehicles,
Industrial vehicles,
Electronic devices,
Construction materials,
Machines and equipment.

Please contact your customer representative
for other appropriate surfaces



OMNIPHOB M39

Nano Coating for Thermoset, Thermoplastic, Metal and Painted Surfaces

Nasiol Omniphob M39 is a nano protection product which brings hydrophobic and oleophobic effects in a single layer of coating to hard and smooth surfaces.

Surface Gains

- Ceramic nano coating • Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean
- Renovation • Scratch resistance

Benefit Outcomes

- Extends lifetime • Saves money
- Keeps appearance • Satin texture

APPLICATION



Surface should be prepared according to the instructions.



Surfaces should be dry and free of any dust, wax, oil, grease and other contamination.



Application should be done in a shaded area.



Product is spread with an applicator pad.



Surface should be buffed immediately with a dry microfiber cloth subsequent to dropletization occurrence.



Curing time is 48h at 23°C - 50% RH.



SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Thermoset, thermoplastic, metal and painted surfaces |
| Durability | 3 years |
| Chemical resistance | 12>pH>1 |
| Salt water durability | ✓ |
| Consumption | 4 mL/m ² |
| Coating thickness | 700-800 nm |
| Pencil hardness | 9H |
| Water contact angle | 105° @10 µL |
| Oil contact angle | 84° @10 µL |
| Water sliding angle | 10° @20 µL |
| Temperature durability | 150°C |
| Shelf life | 1 year when unopened 1 week after opening |
| Storage conditions | -3°C to +30°C |



Thermoset, Thermoplastic,
Metal and Painted Surfaces;
Aero, land and sea vehicles,
Industrial vehicles,
Electronic devices,
Construction materials,
Machines and equipments.

Please contact your customer representative for other appropriate surfaces

OMNIPHOB M17

Nano Coating for Thermoset, Thermoplastic, Metal and Painted Surfaces

Nasiol Omniphob M17 is nano protection product which provides hydrophobic and oleophobic effects to hard and smooth surfaces.

Surface Gains

- Transparent nano coating • Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean • Renovation

Benefit Outcomes

- Extends lifetime • Saves money • Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



Half a square meter of surface should be sprayed.



Surface should be buffed immediately with a dry, micro fiber cloth.



Curing time is 24h at 23°C - 50% RH.

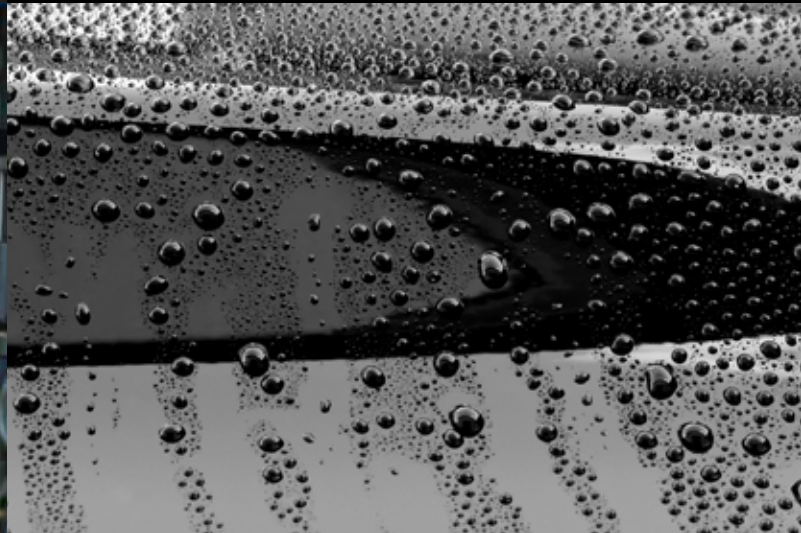
SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Thermoset, thermoplastic, metal and painted surfaces |
| Durability | 1 year |
| Consumption | 5-8 mL/m ² |
| Coating thickness | 200-300 nm |
| Pencil hardness | 7H |
| Water contact angle | 97° @10 µL |
| Oil contact angle | 76° @10 µL |
| Water sliding angle | 25° @20 µL |
| Temperature durability | 275°C |
| Chemical resistance | 12>pH>1 |
| Salt water durability | ✓ |
| Shelf life | 1 year when unopened 1 week after opening |
| Storage conditions | -3°C to +30°C |



Thermoset, Thermoplastic,
Metal and Painted Surfaces;
Aero, land and sea vehicles,
Industrial vehicles,
Electronic devices,
Construction materials,
Machines and equipment.

Please contact your customer representative
for other appropriate surfaces



OMNIPHOB M07

Nano Coating for Thermoset, Thermoplastic, Metal and Painted Surfaces

Nasiol Omniphob M07 is an economic nano protection product which provides hydrophobic and oleophobic effects to hard and smooth surfaces. It can be applied as a single layer or two layers according to your preference.

Surface Gains

- Hydrophobicity • Oleophobicity • Ceramic nano coating

Benefits

- Chemical protection • UV Protection • Renovation
- Scratch Resistance • Slow contamination • Easy Clean

Benefit Outcomes

- Extends lifetime • Saves money • Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



Product is spread with an applicator pad.



Once beading occurs (it takes 2-3 minutes in normal conditions), the surface should be wiped and buffed with a dry cloth.



Apply the second layer after at least 1h, following the same route.



Curing time is 48h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Thermoset, thermoplastic, metal and painted surfaces |
| Durability | 9 months |
| Chemical resistance | 12>pH>1 |
| Salt water durability | ✓ |
| Consumption | 2-3 mL/m ² |
| Coating thickness - 1 Layer | 200-300 nm |
| Coating thickness - 2 Layers | 300-400 nm |
| Water contact angle - 1 Layer | 98° @10 µL |
| Water contact angle - 2 Layers | 100° @10 µL |
| Oil contact angle | 78° @10 µL |
| Water sliding angle - 1 Layer | 20° @20 µL |
| Water sliding angle - 2 Layers | 18° @20 µL |
| Temperature durability | 275°C |
| Shelf life | 1 year when unopened 1 week after opening |
| Storage conditions | +5°C to +30°C |



Thermoset, Thermoplastic, Metal and Painted Surfaces;
Aero, land and sea vehicles,
Industrial vehicles,
Electronic devices,
Construction materials,
Machines and equipment.

Please contact your customer representative for other appropriate surfaces



OMNIPHOB M06

Nano Coating for Thermoset, Thermoplastic, Metal and Painted Surfaces

Nasiol Omniphob M06 is an economic and easily applicable nano protection product which provides hydrophobic and oleophobic effects to hard and smooth surfaces.

Surface Gains

- Hydrophobicity • Oleophobicity • Ceramic nano coating

Benefits

- Chemical protection • UV Protection • Renovation
- Scratch Resistance • Slow contamination • Easy Clean

Benefit Outcomes

- Extends lifetime • Saves money • Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



Product is spread with an applicator pad or sprayed onto the surface.



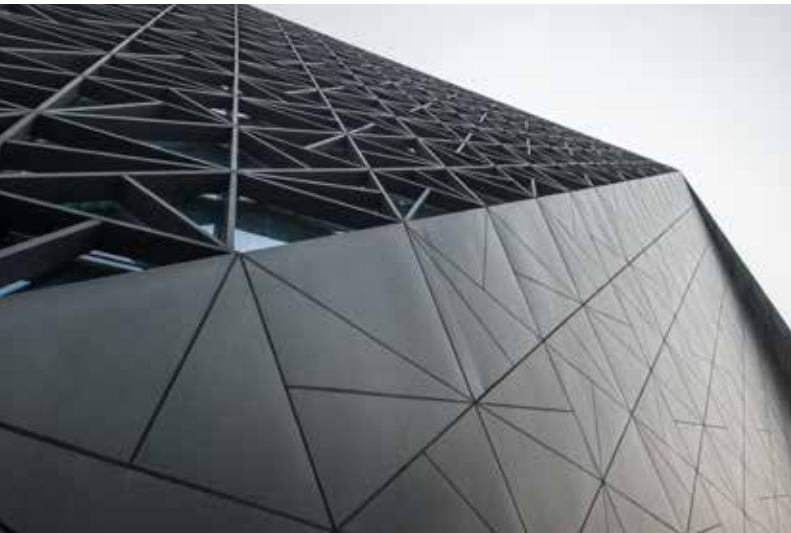
Once beading occurs (it takes 30 seconds in normal conditions), the surface should be wiped and buffed with a dry cloth.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Thermoset, thermoplastic, metal and painted surfaces |
| Durability | 6 months |
| Chemical resistance | 12>pH>1 |
| Salt water durability | ✓ |
| Consumption | 4-5 mL/m ² |
| Coating thickness | 200-300 nm |
| Water contact angle | 95° @10 µL |
| Oil contact angle | 76° @10 µL |
| Water sliding angle | 25° @20 µL |
| Temperature durability | 275°C |
| Shelf life | 1 year when unopened |
| | 1 week after opening |
| Storage conditions | -3°C to +30°C |



Thermoset, Thermoplastic, Metal and Painted Surfaces;
 Aero, land and sea vehicles,
 Industrial vehicles,
 Electronic devices,
 Construction materials,
 Machines and equipment.

Please contact your customer representative for other appropriate surfaces



FCC

Film Protective Nano Coating

Nasiol FCC is a flexible coating developed for Paint Protection Film coated surfaces.

Surface Gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- Slow contamination
- Easy clean
- Does not block self-healing
- Visually not detectable

Benefit Outcomes

- Extends lifetime
- Saves money
- Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



Product is spread with an applicator pad.



Surface should be buffed with a dry microfiber cloth in 30-60 sec, depending on the ambient conditions.



Apply the second layer after at least 1h, following the same route.



Curing time is 48h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|---|
| Packages | 1-5-30 L |
| Application surface type | Paint protection films |
| Durability | 1 year |
| Consumption | 2-3 mL/m ² |
| Water contact angle | 102° @10 μL |
| Water sliding angle | 12-18° @20 μL |
| Chemical resistance | 12>pH>1 |
| Salt water durability | ✓ |
| Shelf life | 1 year when unopened 1 month after opening |
| Storage conditions | -3°C to +30°C |



Paint Protection Films (PPF);
PU films,
PVC films,
Vinyl films.

Please contact your customer representative
for other appropriate surfaces



T-WB

Water Based Nano Coating for Textile Surfaces

Water Repellency ISO
4920 Rating 100/100

Nasiol T-WB is a water based ultimate nano coating product developed to protect textile surfaces.

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean
- Liquid repellency

Benefit Outcomes

- Extends lifetime • Saves money
- Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24h at 23°C - 50% RH.

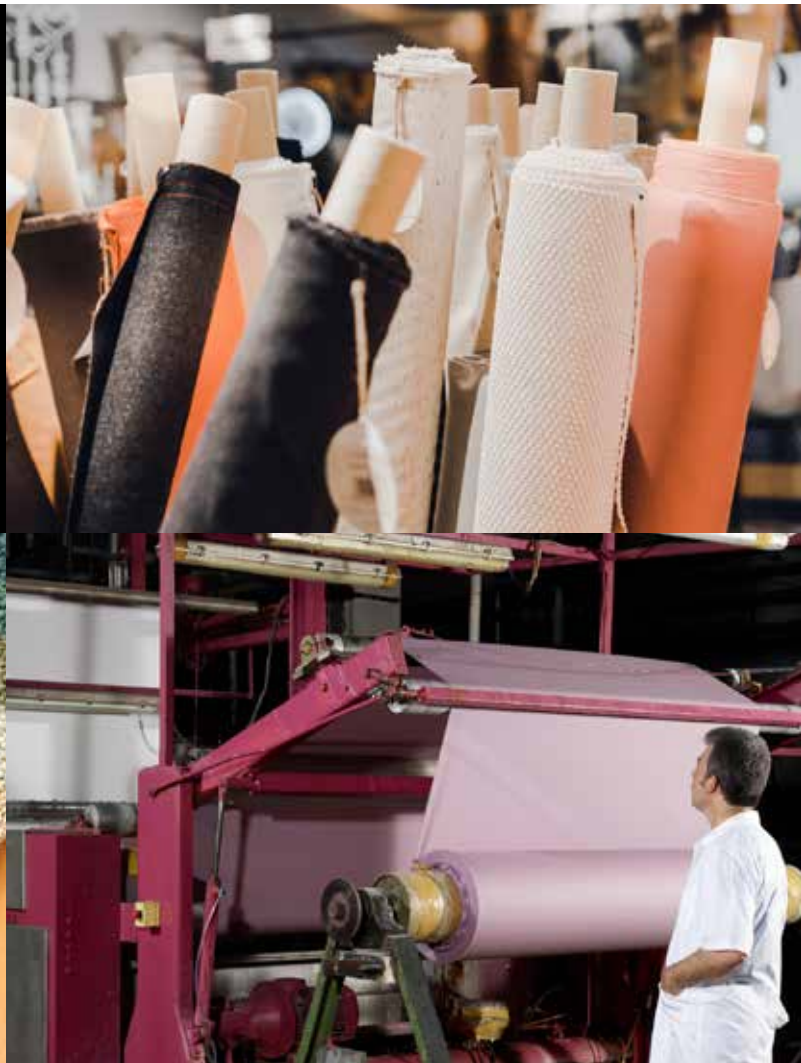
SPECIFICATIONS

| | |
|--------------------------|---|
| Packages | 1-5-30 L |
| Application surface type | Textile, suede, nubuck |
| Durability | 1 year / 10 washes |
| Consumption | 60-100 mL/m ² |
| Coating thickness | ~90-100 nm |
| Water contact angle | 152° @20 µL |
| Oil contact angle | 129° @20 µL |
| Water sliding angle | 18° @20 µL |
| Chemical resistance | 11>pH>1 |
| Temperature durability | 150°C |
| Breathability | Category 1, EN1062-1 |
| Shelf life | 2 years when unopened 6 months after opening |
| Storage conditions | 5°C to +45°C |

Textile, Suede and Nubuck Surfaces;

Aero, land and sea vehicles,
Clothing,
Furniture,
Carpets,
Fabrics,
Camping gear.

Please contact your customer representative
for other appropriate surfaces



T

Nano Coating for Textile Surfaces

Nasiol T is an easy-applied industrial nano coating product to protect textile surfaces.

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean
- Liquid repellency

Benefit Outcomes

- Extends lifetime • Saves money
- Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24h at 23°C - 50% RH.

Water Repellency ISO
4920 Rating 100/100

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Textile, suede, nubuck |
| Durability | 1 year / 10 washes |
| Consumption | 80-100 mL/m ² |
| Coating thickness | ~75-100 nm |
| Water contact angle | 144° @10 µL |
| Oil contact angle | 92° @10 µL |
| Water sliding angle | 7° @20 µL |
| Chemical resistance | 11>pH>1 |
| Temperature durability | 110°C |
| Breathability | Category 1, EN1062-1 |
| Shelf life | 2 years when unopened 1 month after opening |
| Storage conditions | -3°C to +30°C |



Textile, Suede and Nubuck Surfaces;

Aero, land and sea vehicles,
Clothing,
Furniture,
Carpets,
Fabrics,
Camping gear.

Please contact your customer representative
for other appropriate surfaces



T1

Nano Coating for Textile Surfaces

Water Repellency ISO 4920 Rating 100/100

T1 is economical, effective and an easy-applied industrial nano coating product to protect textile surfaces.

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean
- Liquid repellency

Benefit Outcomes

- Extends lifetime • Saves money • Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Textile, suede, nubuck |
| Durability | 9 months / 10 washes |
| Consumption | 80-100 mL/m ² |
| Coating thickness | ~75-100 nm |
| Water contact angle | 129° @10 μL |
| Oil contact angle | 81° @10 μL |
| Water sliding angle | 9° @20 μL |
| Chemical resistance | 11>pH>1 |
| Temperature durability | 110°C |
| Breathability | Category 1, EN1062-1 |
| Shelf life | 2 years when unopened 1 month after opening |
| Storage conditions | -3°C to +30°C |

Textile, Suede and Nubuck Surfaces;
 Aero, Land and sea vehicles,
 Clothing,
 Furniture,
 Carpets,
 Fabrics,
 Camping gear.

Please contact your customer representative
 for other appropriate surfaces



W

Nano Coating for Natural Wood Surfaces

Nasiol W, protects industrial size wooden surfaces with a simple spray on application.

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Salty water protection • Slow contamination
- Easy clean • Preventing mold/fungus growth

Benefit Outcomes

- Extends lifetime • Saves money
- Keeps appearance • Reduces fungus

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Natural wood |
| Durability | 1 year |
| Consumption | 40-60 mL/m ² |
| Coating thickness | ~60-70 nm |
| Water contact angle | 144° @10 µL |
| Oil contact angle | 90° @10 µL |
| Water sliding angle | 16° @20 µL |
| Chemical resistance | 11>pH>1 |
| Temperature durability | 110°C |
| Breathability | ✓ |
| Shelf life | 2 years when unopened 1 month after opening |
| Storage conditions | -3°C to +30°C |

Natural Wooden Surfaces;
Sea vehicles,
Home and garden furniture,
Wooden construction materials.

Please contact your customer representative
for other appropriate surfaces



Z-WB

Water Based Nano Coating for Mineral Surfaces

Nasiol Z-WB, is a water based industrial nano protection product which is applied on mineral surfaces with spray.

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean

Benefit Outcomes

- Extends lifetime • Saves money
- Keeps appearance • Reduces fungus and darkening

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|---|
| Packages | 1-5-30 L |
| Application surface type | Mineral absorbent surfaces |
| Durability | 3 years |
| Consumption | 60-90 mL/m ² |
| Coating thickness | 90-100 nm |
| Water contact angle | 142° @10 µL |
| Oil contact angle | 101° @10 µL |
| Water sliding angle | 10° @20 µL |
| Chemical resistance | 11>pH>1 |
| Temperature durability | 250°C |
| Breathability | ✓ |
| Salt water durability | ✓ |
| Shelf life | 2 years when unopened 2 months after opening |
| Storage conditions | 0°C to +30°C |



Mineral Surfaces;

Concrete, absorbent ceramic & natural stones,
Construction materials,
Roof tiles, walls,
Historical monuments.

Please contact your customer representative
for other appropriate surfaces



Z

Nano Coating for Mineral Surfaces

Nasiol Z, is an industrial nano protection product which is applied on mineral surfaces with spray.

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean

Benefit Outcomes

- Extends lifetime • Saves money
- Keeps appearance • Reduces fungus and darkening

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Mineral absorbent surfaces |
| Durability | 2 years |
| Consumption | 40-60 mL/m ² |
| Coating thickness | ~70-95 nm |
| Water contact angle | 130° @10 µL |
| Oil contact angle | 85° @10 µL |
| Water sliding angle | 13° @20 µL |
| Chemical resistance | 11>pH>1 |
| Temperature durability | 325°C |
| Breathability | ✓ |
| Salt water durability | ✓ |
| Shelf life | 2 years when unopened 1 month after opening |
| Storage conditions | -3°C to +30°C |



Mineral Surfaces;

Concrete, absorbent ceramic & natural stones,
Construction materials,
Roof tiles, walls,
Historical monuments.

Please contact your customer representative
for other appropriate surfaces



SHBC

Superhydrophobic Nano Coating for Various Surfaces

Nasiol SHBC is a superhydrophobic two part coating which is applied as two layers.

Surface Gains

- Opaque flexible nano coating
- Superhydrophobicity
- Oleophobicity

Benefits

- UV protection
- Slow contamination
- Easy clean
- Anti-icing

Benefit Outcomes

- Extends lifetime
- Saves money
- Reduces fungus and darkening
- Less icing

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application area should be well-ventilated.



SHB is applied via proper spray gun, consuming 80-100 mL for a 1 m² area.



Allow first part to cure for 15 mins.



SHC is applied via a proper spray gun, consuming 80-100 mL for a 1 m² area.



Curing time is 12h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|---|
| Packages | 5-30 L |
| Application surface type | All appropriate surfaces |
| Durability | 2 years without abrasion |
| Consumption | 80-100 mL/m ² |
| Coating thickness | ~8-10 μm |
| Water contact angle | 171° @10 μL |
| Oil contact angle | 140° @10 μL |
| Water sliding angle | 1° @20 μL |
| Temperature durability | -30°C to 175°C |
| Salt water durability | ✓ |
| Shelf life | 1 year when unopened 1 month after opening |
| Storage conditions | -3°C to +30°C |



All Appropriate Surfaces;
Industrial vehicles,
Electronic devices,
Machines and equipment,
Concrete, porous ceramic, natural stone,
Building exterior surfaces,
Roof tiles, walls.

Please contact your customer representative
for other appropriate surfaces

Anti-GRM

Anti-Graffiti Nano Coating for Various Surfaces

Nasiol Anti-GRM is a transparent nano coating developed to reduce the effects of graffiti application and make them easy to clean. It can be applied on metal, painted and hard surfaces like glass, ceramics and plastic.

Surface Gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity
- Stain repellency
- Anti-graffiti characteristics

Benefits

- Chemical protection
- UV protection
- Slow contamination
- Easy clean

Benefit Outcomes

- Extends lifetime
- Saves money
- Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



The product is sprayed with the appropriate spray gun.



For hard to reach areas, product can be applied using a dry microfiber mop.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Metal, glass, ceramic, thermoset, thermoplastic and painted surfaces |
| Durability | 1 year/10 washes |
| Consumption | 4-5 mL/m ² |
| Coating thickness | 600-700 nm |
| Water contact angle | 108° @10 µL |
| Oil contact angle | 88° @10 µL |
| Water sliding angle | 16° @20 µL |
| Chemical resistance | 12>pH>1 |
| Temperature durability | 275°C |
| Shelf life | 1 year when unopened 1 week after opening |
| Storage conditions | -3°C to +30°C |



All Appropriate Surfaces;

Aero, land, sea vehicles,
Building exterior surfaces,
Glazed natural stones,
Painted surfaces,
Glass, ceramic, plastic, metal surfaces.

Please contact your customer representative
for other appropriate surfaces



MP55

Anti-Corrosion Nano Coating for Various Surfaces

Nasiol MP55 is a special rust and corrosion resistant nano-coating for metals and alloys like iron, steel, stainless steel, aluminum, copper, bronze, nickel, magnesium.

Surface Gains

- Transparent nano coating • Hydrophobicity
- Oleophobicity • Corrosion resistance

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean
- Rust resistance

Benefit Outcomes

- Extends lifetime • Saves money • Keeps appearance

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application should be done in a shaded area.



The product is sprayed with the appropriate spray gun.



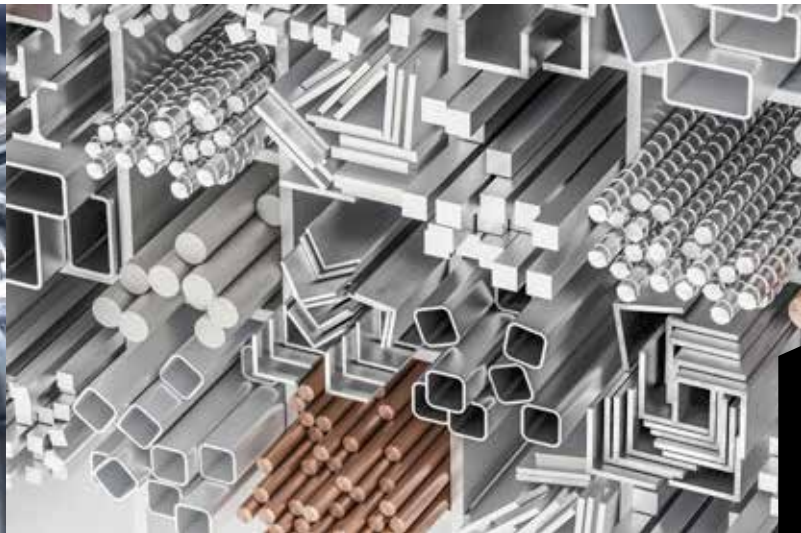
Surface should be buffed immediately with a dry, microfiber cloth.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Metals and alloys |
| Durability | 1 year |
| Consumption | 5-8 mL/m ² |
| Coating thickness | 600-800 nm |
| Water contact angle | 106° @10 µL |
| Oil contact angle | 89° @10 µL |
| Water sliding angle | 12° @20 µL |
| Chemical resistance | 12>pH>1 |
| Temperature durability | 275°C |
| Shelf life | 1 year when unopened 1 week after opening |
| Storage conditions | -3°C to +30°C |



Metals & Alloys;

Machines and equipments,
Pipes, tanks, sheets,
Building components.

Please contact your customer representative
for other appropriate surfaces

LC12

Nano Coating for Leather Surfaces

Nasiol LC12 is a transparent nano protection product that can be applied to genuine and artificial leather surfaces, preventing paint transfer and ensuring minimal wear.

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity • Oleophobicity

Benefits

- Chemical protection • UV protection
- Slow contamination • Easy clean • Antifriktion

Benefit Outcomes

- Extends lifetime • Saves money
- Keeps appearance • Prevents paint transfer
- Provides color retention • Ensures minimal wear

APPLICATION



Surface should be free of any dust, dirt, oil or water.



Application area should be well-ventilated.



The product is applied by using an applicator pad or appropriate spray gun.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Artificial and genuine leather |
| Durability | 1 year |
| Consumption | 30-45 mL/m ² |
| Coating thickness | 700-1000 nm |
| Chemical resistance | 11>pH>2 |
| Water contact angle | 135° @10 µL |
| Oil contact angle | 105° @10 µL |
| Water sliding angle | 18° @20 µL |
| Breathability | ✓ |
| Temperature durability | 150°C |
| Shelf life | 1 year when unopened 2 months after opening |
| Storage conditions | -3°C to +30°C |



Genuine or Artificial Leather Surfaces;

Air, land, sea vehicles,
Furniture upholstery,
Personal clothing, accessories,
Home and office leather surfaces.

Please contact your customer representative for other appropriate surfaces

Anti-VRL

Antiviral and Antibacterial Nano Coating for Various Surfaces

Nasiol Anti-VRL is a hygienic coating that has silane base at one end of the molecule creates a strong bond with the surface of the substrate, forming a highly durable protective coating.

Surface Gains

- Antiviral • Antibacterial
- Invisible and breathable nano coating

Benefits

- Hygiene • Preserving the natural look

Benefit Outcomes

- Keeps appearance
- Eliminating the need for disinfection

APPLICATION



Surfaces should be dry and free of any dust, stain, and other contamination.



Application should be made in a shaded and well-ventilated area.



Product is applied by spraying, consuming 60-90 mL/1 m² for textile surfaces; applied by spraying and buffing, consuming 6-10 mL/1 m² for hard surfaces.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|---|
| Packages | 1-5-30 L |
| Application surface type | Metal, ceramic, thermoset/thermoplastic, textile, leather, glass painted surfaces |
| Durability | 1 year |
| Consumption | Fabrics: 60-90 mL/m ² Hard surfaces: 6-10 mL/m ² |
| Shelf life | 1 year when unopened 1 week after opening |
| Breathability | Category 1, EN1062-1 |
| Storage conditions | -3°C to +30°C |

EFFECTIVENESS

| Organism type | Effectiveness % |
|------------------------|---------------------|
| E. Coli | 99,99 |
| Algae | 99,99 |
| Influenza A (H1N1) | 99,99 |
| Coronavirus (Covid-19) | %90 (After 30 days) |



All Surfaces That Need Antiviral and Antibacterial effects;
Public transportation vehicles,
Hotels,
Health institutions,
Public areas.

Please contact your customer representative for other appropriate surfaces



TF

Temporary Film Coating

Nasiol TF creates a water-based transparent film on surfaces and provides temporary protection against scratches caused by sand, stone chips, and tar etc. while ensuring UV resistance property to the surface. It can be applied easily and removed simply from surface by foam lance washing, pressure washing or peeling off.

APPLICATION



Surfaces should be dry and free of any dust, wax, oil, grease and other contamination



Prepare the surface by applying Nasiol Clean to remove any residual contamination and dry with a clean lint-free microfiber cloth prior to use of product.



Pour the product from the standard Nasiol TF bottle onto the applicator cloth placed on applicator block and spread it homogeneously with horizontal and vertical movement to the surface.



There exists a homogenous film on the surface in 15-20 minutes.



Throughout the curing time, keep the coated surface away from direct sunlight, excessive dust, water, and other contaminants.

Surface Gains

- Temporary protection
- UV resistance

Benefits

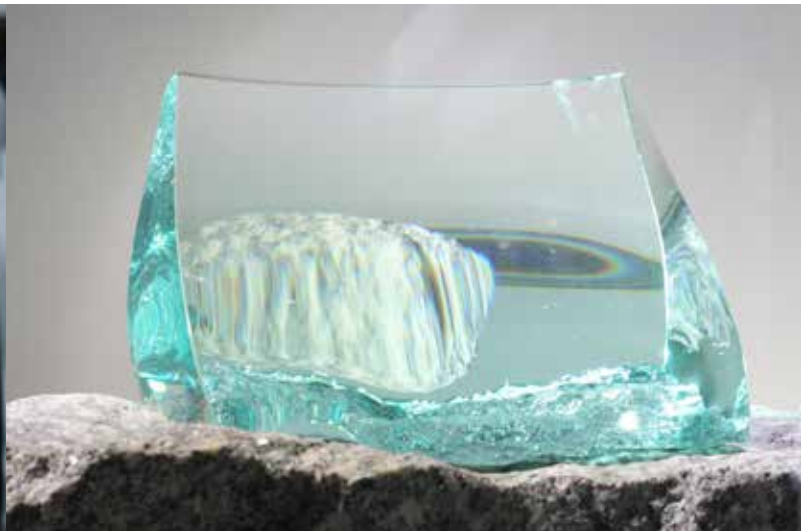
- Easy to remove
- Water-based formula
- Fast and easy application

Benefit Outcomes

- Extends lifetime
- Saves money

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 L |
| Application surface type | Glass, metal, ceramic, thermoset/thermoplastic, painted surfaces |
| Dry Film Thickness | 15-20 μm |
| Consumption | 60-75 mL/m ² |
| Storage conditions | -5°C to +40°C |
| Shelf life | 1 year when unopened, 2 months after opening |



All Non-Absorbent Surfaces;

Vehicles,
Furniture,
Valuables,
Machinery.

Please contact your customer representative for other appropriate surfaces



Manufacturing Unit / R&D Center

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