NANO COATINGS
INDUSTRIAL

NASIOL

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	Up to 2 years
Consumption	5 mL/m²
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	Up to 1 year
Consumption	5 mL/m²
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 occurance.
- 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	Up to 10 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	10H
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 occurance.
- 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	Up to 7 years
Chemical resistance	12>pH>1
Salt water durability	✓
Consumption	4 mL/m²
Coating thickness	700-800 nm
Pencil hardness	10H
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	Up to 5 years
Consumption	5-8 mL/m²
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.
- x2 Apply the second layer after at least 1h, following the same route.
- 48 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	Up to 3 years
Chemical resistance	12>pH>1
Salt water durability	✓
Consumption	2-3 mL/m²
Coating thickness - 1 Layer Coating thickness - 2 Layers	200-300 nm 300-400 nm
Water contact angle - 1 Layer Water contact angle - 2 Layers	98° @10 µL 100° @10 µL
Oil contact angle	78° @10 µL
Water sliding angle - 1 Layer Water sliding angle - 2 Layers	20° @20 µL 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	Up to 18 months
Chemical resistance	12>pH>1
Salt water durability	✓
Consumption	4-5 mL/m²
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
• Visualy not detectable

Benefit Outcomes

• Extends lifetime • Saves money • Keeps appearance

SPECIFICATIONS	
Packages	1-5-30 L
Application surface type	Paint protection films
Durability	Up to 2 years
Consumption	2-3 mL/m²
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

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.
- x2 Apply the second layer after at least 1h, following the same route.
- 48 Curing time is 48h at 23°C - 50% RH.

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	Up to 12-15 months
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	Up to 1 year
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	Up to 9 months
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	Up to 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	Up to 3 years
Consumption	60-90 mL/m²
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	Up to 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.

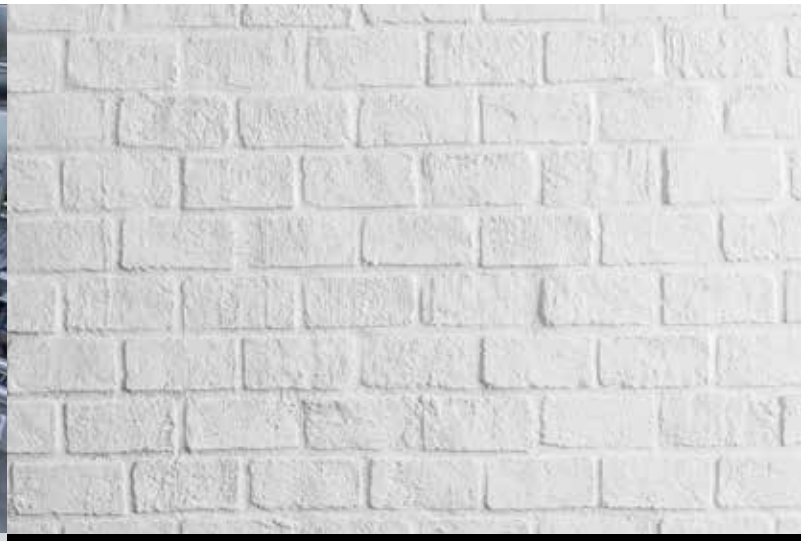
SHB is applied via proper spray gun, consuming 80-100 mL for a 1 m² area.

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	Up to 2 years without abrasion
Consumption	80-100 mL/m²
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 microfibre 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	Up to 1 year 10 times graffiti cleaning
Consumption	4-5 mL/m²
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

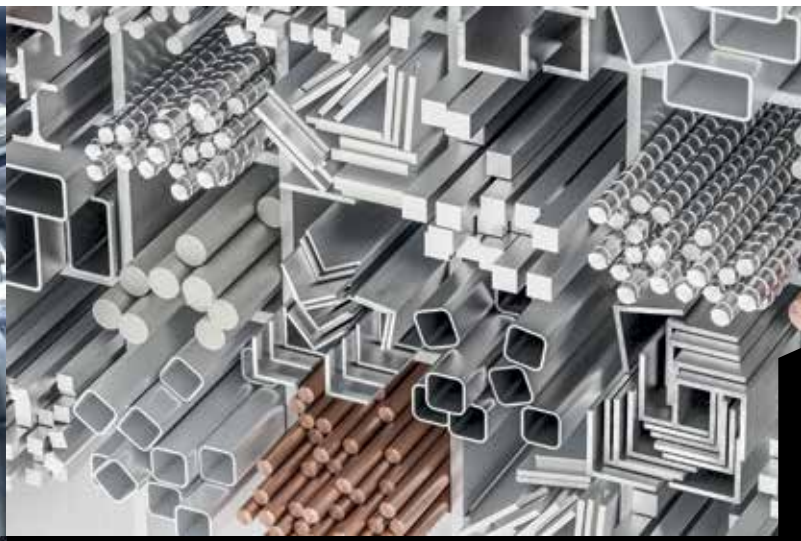
Benefit Outcomes

• 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	Up to 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 • Antifriction

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	Up to 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 m^2 for textile surfaces; applied by spraying and buffing, consuming 6-10 mL/1 m^2 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	Up to 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 Thicness	15-20 μm
Consumption	60-75 mL/m²
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

NASIOL

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