


A decorative graphic consisting of numerous thin, parallel lines that create a sense of depth and movement, extending from the top-left corner towards the center of the page.

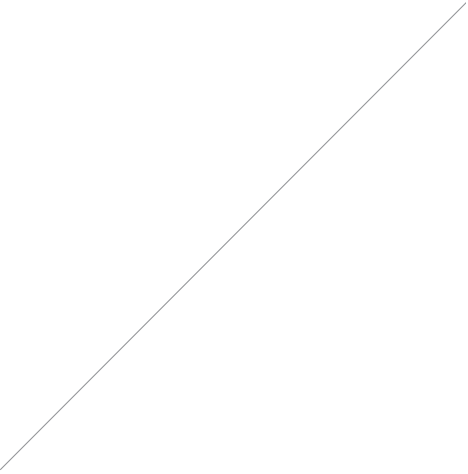
NANO COATINGS
BULK SIZE





Nasiol is the premier and pioneer nano coating manufacturer in Turkey, our services and expertise spread throughout Europe and worldwide.

Our scientific endeavors lie here. Consistent and continuous development of nanotechnology for home and industrial use, accessible and practical, only the very best and setting world-class industry standards not only in our nano coatings but in our supportive business practices for our worldwide enterprise partners.



C

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
- Deicing

Benefit outcomes

- Extends lifetime
- Saves money
- Maintains appearance
- Prevents fungi
- Less lime stain
- Safe driving in vehicles
- 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 24 h.

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	Glass and ceramic
Durability	2 years
Consumption	5 ml/m ²
Coating thickness	75-100 nm
Water repellency	113° @20 µL, glass
Oil repellency	83° @20 µL, glass
Water sliding angle	22° @20 µL, glass
Temperature durability	275°C
Transparency	99.9%
Light refractive index	1.625/1.625, glass
Chemical resistance	13>pH>1
Salt water durability	✓
Shelf life	2 years
Storage conditions	-3°C to +30°C
Curing period	3 hour pre, 24 h in total

C1

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
- Deicing

Benefit outcomes

- Extends lifetime
- Saves money
- Keeps appearance
- Prevents fungi
- Less lime stain
- Safe driving in vehicles

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 24 h.

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	Glass and ceramic
Durability	1 year
Consumption	5 ml/m ²
Coating thickness	75-100 nm
Water repellency	102° @20 µL, glass
Oil repellency	72° @20 µL, glass
Water sliding angle	27° @20 µL, glass
Temperature durability	275°C
Transparency	99.9%
Light refractive index	1.625/1.625, glass
Chemical resistance	12>pH>1
Salt water durability	✓
Shelf life	2 years
Storage conditions	-3°C to +30°C
Curing period	3 hour pre, 24 h in total



Glass and ceramic surfaces;
Aero, land and sea vehicles,
Building exteriors and interiors,
Billboards.



ZR53

Nasiol ZR53 is the ultimate nano ceramic protection product for thermoplastic, thermoset and painted metal surfaces.

Surface gains

- Ceramic nano coating • Hydrophobicity

Benefits

- Chemical protection • UV protection • Slow contamination
- Easy Clean • Gloss • Renovation • Scratch resistance
- Hologram masking

Benefit outcomes

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

APPLICATION



Surface should be prepared accordingly.



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



Application should be done in a shaded area.



Product is applied with a pad.



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



Curing time is 48 h.

SPECIFICATIONS

Packages	1-5-30 lt
Application surface type	Thermoset and thermoplastic
Durability	3 years / 150 washes: Normal conditions -20°C +35°C, pH<12 detergent 1 years / 50 washes: Heavy conditions -40°C +40°C, pH>12 detergent
Chemical resistance	12>pH>1
Salt water durability	✓
Consumption	4 ml/m ²
Coating thickness	700-1000 nm
Scratch resistance	✓
Hardness	9H Pencil
Water repellency	105° @20 µL, acrylic
Oil repellency	84° @20 µL, acrylic
Water sliding angle	18° @20 µL, acrylic
Temperature durability	150°C
Shelf life	1 year when unopened 1 w after opening
Storage conditions	-3°C to +30°C
Curing period	6h pre, 48 h in total



Thermoset and thermoplastic surfaces;

All painted surfaces,
Aero, land and sea vehicles,
Industrial vehicles,
Electronic devices,
Building exteriors and interiors,
Machines and equipment.

NL272

Nasiol NL272 is the ultimate nano ceramic coating for thermoplastic, thermoset and painted metal surfaces produced using the latest technology.

Surface gains

- Ceramic nano coating
- Hydrophobicity

Benefits

- Chemical protection
- UV protection
- Slow contamination
- Easy Clean
- Gloss
- Renovation
- Scratch resistance
- Hologram masking

Benefit outcomes

- Extends lifetime
- Saves money
- Keeps appearance
- Less swirls
- 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 microfibre cloth subsequent to dropletization occurrence.



Curing time is 48h at 23°C - 50% RH.

SPECIFICATIONS

Packages	30 lt
Application surface type	Thermoset and thermoplastic
Durability	5 years / 300 washes: Normal conditions -20°C +35°C, pH<12 3 years / 180 washes: Heavy conditions -40°C +40°C, pH>12
Temperature durability	150°C
Chemical Resistance	12>pH>1
Consumption	4 ml/m ²
Hardness	9H Pencil
Coating thickness	0,8 – 1,1 µm
Scratch resistance	✓
Water repellency	✓
Oil repellency	✓
Hologram mask	✓
Shelf life	1 year when unopened 1 w after opening
Storage conditions	-3°C to +30°C
Curing period	24h pre, 48h in total



MF2

Nasiol MF2 is an economical nano protection product which is easily applied on plastic and metal surfaces.

Surface gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Slow contamination
- Easy Clean
- Gloss
- Renovation

Benefit outcomes

- Extends lifetime
- Saves money
- Keeps appearance

APPLICATION



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



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 24 h.

SPECIFICATIONS

Packages	1-5-30 lt
Application surface type	Thermoset and thermoplastic
Durability	1 year / 50 washes: Normal conditions -20°C +35°C, pH<12 detergent 6 months / 30 washes: Heavy conditions -40°C +40°C, pH>12 detergent
Consumption	5-8 ml/m ²
Coating thickness	200-300 nm
Water repellency	97° @20 µL, acrylic
Oil repellency	76° @20 µL, acrylic
Water sliding angle	25° @20 µL, acrylic
Temperature durability	275°C
Chemical resistance	12>pH>1
Salt water durability	✓
Shelf life	1 year when unopened 1 w after opening
Storage conditions	-3°C to +30°C
Curing period	4h pre, 24 h in total



Thermoset and thermoplastic surfaces;

Aero, land and sea vehicles,
Industrial vehicles,
Electronic devices,
Building exteriors and interiors,
Machines and equipment.



T-WB

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



**Water Repellency ISO 4920
Rating 100/100**

Surface gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Slow contamination
- Easy Clean

Benefit outcomes

- Extends lifetime
- Saves money
- Keeps appearance

APPLICATION



Surface should be free of any dirt or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24 h.

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	All textile surfaces
Durability	1 year / 10 washes
Consumption	60-100 ml/m ²
Coating thickness	~100-125 nm
Water contact angle	152° @20 µL
Oil repellency	129° @20 µL
Water sliding angle	18° @20 µL
Temperature durability	150°C
Breathability	✓
Shelf life	2 years
Storage conditions	5°C to +45°C
Curing period	12h pre, 24 h in total

Textile surfaces;

Aero, land, sea vehicles,
Ropes,
Furniture upholstery,
Personal clothes,
Home and building textiles.



T

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



**Water Repellency ISO 4920
Rating 100/100**

Surface gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Slow contamination
- Easy Clean

Benefit outcomes

- Extends lifetime
- Saves money
- Keeps appearance

APPLICATION



Surface should be free of any dirt or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24 h.

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	Textile, suede, nubuck
Durability	Up to 1 year / 15 washes
Consumption	50-100 ml/m ²
Coating thickness	~100-125 nm
Water contact angle	144° @20 µL, polyester
Oil repellency	92° @20 µL, polyester
Water sliding angle	7° @20 µL, polyester
Temperature durability	110°C
Breathability	Category 1, EN1062-1
Shelf life	2 years
Storage conditions	-3°C to +30°C
Curing period	6h pre, 24 h in total

T1

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



**Water Repellency ISO 4920
Rating 100/100**

Surface gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Slow contamination
- Easy Clean

Benefit outcomes

- Extends lifetime
- Saves money
- Keeps appearance

APPLICATION



Surface should be free of any dirt or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24 h.

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	Textile, suede, nubuck
Durability	Up to 9 months / 10 washes
Consumption	50-100 ml/m ²
Coating thickness	~100-125 nm
Water repellency	129° @20 µL, polyester
Oil repellency	81° @20 µL, polyester
Water sliding angle	9° @20 µL, polyester
Temperature durability	110°C
Breathability	Category 1, EN1062-1
Shelf life	2 years
Storage conditions	-3°C to +30°C
Curing period	6h pre, 24 h in total

W

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

Benefit outcomes

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

APPLICATION



Surface should be free of any dirt or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24 h.

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	Natural wood
Durability	Up to 1 year
Consumption	40-60 ml/m ²
Coating thickness	~80-110 nm
Water repellency	144° @20 µL, plywood
Oil repellency	90° @20 µL, plywood
Water sliding angle	16° @20 µL, plywood
Temperature durability	110°C
Breathability	✓
Shelf life	2 years
Storage conditions	-3°C to +30°C



Natural wooden surfaces;

Sea vehicles,
Home and garden furniture,
Building interiors and exterior surfaces.

Z

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

Surface gains

- Invisible 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 dirt or water.



Application area should be well-ventilated.



Surface is sprayed until it becomes slightly wet.



Curing time is 24 h.

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	Mineral porous stone, cement
Durability	2 years
Consumption	40-60 ml/m ²
Coating thickness	~70-95 nm
Water repellency	108° @20 µL, brick
Oil repellency	75° @20 µL, brick
Water sliding angle	27° @20 µL, brick
Temperature durability	325°C
Breathability	✓
Salt water durability	✓
Shelf life	2 years
Storage conditions	-3°C to +30°C



Mineral surfaces;

Concrete, porous ceramic, natural stone,
Building interiors and exterior surfaces,
Roof tiles, walls,
Historical monuments.



SHBC

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

Surface gains

- Translucent flexible nano coating
- Superhydrophobicity
- Oleophobicity

Benefits

- UV protection
- Slow contamination
- Easy Clean
- Deicing

Benefit outcomes

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

APPLICATION



Surface should be free of any dirt or water.



Application area should be well-ventilated.



15 minutes should be given in order for the first part to cure.



Second part is equally applied with a proper paint gun.



Curing time is 12h to achieve full effect

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	All appropriate surfaces
Durability	2 years without abrasion
Consumption	100 ml/m ²
Coating thickness	~8-10 µm
Water repellency	171° @20 µL, glass
Oil repellency	140° @20 µL, glass
Water sliding angle	0.5° @20 µL, glass
Temperature durability	-30°C to 175°C
Salt water durability	✓
Shelf life	1 year
Storage conditions	-3°C to +30°C
Curing period	1h pre, 12 h in total



All appropriate surfaces;

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

Anti-GRM

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

- Water repellency • Slow contamination • Chemical resistance • UV protection • Easy to clean

Benefit outcomes

- Longevity • Money saving • Paint protection
- Keeps appearance

APPLICATION



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



Application should be done in a shaded area.



Product is sprayed using an airless 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 lt
Application surface type	Metals, plastics, glass and ceramics
Durability	3 years / 40 washes
Consumption	3-5 ml/m ²
Coating thickness	600 nm
Water repellency	99° @20 µL, acrylic
Oil repellency	41° @20 µL, acrylic
Water sliding angle	32° @20 µL, acrylic
Temperature durability	275°C
Shelf life	1 year when unopened 1 w after opening
Storage conditions	-3°C to +30°C

MP55

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 • Rust resistance
- Corrosion resistance • Hydrophobicity

Benefits

- Water repellency • Rust & corrosion resistance
- Chemical resistance • UV protection • Easy to clean

Benefit outcomes

- Long lasting • Money saving • Time saving
- Keeps appearance

APPLICATION



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



Application should be done in a shaded area.



Product is sprayed using an airless spray gun and not buffed subsequent to application.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

Packages	1-5-30 lt
Application surface type	Metals and alloys
Durability	1 year
Consumption	5-8 ml/m ²
Coating thickness	400-800 nm
Water repellency	97° @20 µL, acrylic
Oil repellency	33° @20 µL, acrylic
Water sliding angle	28° @20 µL, acrylic
Temperature durability	275°C
Shelf life	1 year when unopened 1 w after opening
Curing period	6h pre, 24 h in total
Storage conditions	-3°C to +30°C

LC-12

Nasiol LC-12 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

- High water and oil repellency
- Transparency and breathability

Benefits

- Protection against chemicals
- UV protection
- Late contamination
- Easy to clean
- Antifriction

Benefit outcomes

- Extends the surface life
- Provides Savings
- Protects Visuality
- Prevents paint transfer
- Provides color retention
- Ensures minimal wear

APPLICATION



The surface must be completely free of dirt and dust and must be dry.



The application should be done in a well-ventilated environment.



The product should be applied onto artificial leather surfaces by using an applicator pad and onto genuine leather surfaces by squirting or using an applicator sponge, until the surface is moistened. In the case of residue, the product should be rubbed into the surface with a dry cloth.



Allow the surface to dry for 12 hours for effectiveness.

SPECIFICATIONS

Packages	1-5-30-210 lt
Application surface type	Artificial and genuine leather
Durability	Up to 9 months
Consumption	Genuine leather: 35-45 mL/m ² Artificial leather: 30-40 mL/m ²
Coating thickness	~ 75-100 nm
Chemical resistance	11 > pH > 1
Water repellency	✓
Oil repellency	✓
Breathability	✓
Temperature durability	150°C
Shelf life	2 years, 1 month after first use
Storage conditions	-3°C to +30°C
Storage	12 hours



Genuine or Artificial Leather Surfaces;

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



ARTEKYA TECH. LTD.
İkitelli OSB Heskop Sitesi
M10-189 İstanbul / TURKEY
Tel : +90 212 670 13 95
info@artekya.com
www.nasiol.com



Artekya