



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.

Our products have been tested and approved by many independent organizations. For reports and certificates, please contact your purchasing representative.



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
- Anti-icing

Benefit outcomes

- Extends lifetime
- Saves money
- Keeps 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 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 lt |
| 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

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
- 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 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 lt |
| 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 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 • Oleophobicity

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 microfiber cloth subsequent to dropletization occurrence.



Curing time is 48h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 lt |
| Application surface type | Thermoset, thermoplastic, painted metal |
| 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 | 700-800 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 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 • Oleophobicity

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.



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 | 30 lt |
| Application surface type | Thermoset, thermoplastic, painted metal |
| Durability | 5 years / 300 washes: Normal conditions -20°C +35°C, pH<12 detergent 3 years / 180 washes: Heavy conditions -40°C +40°C, pH>12 detergent |
| Temperature durability | 150°C |
| Chemical Resistance | 12>pH>1 |
| Consumption | 4 ml/m ² |
| Coating thickness | 0,8 – 1,1 µm |
| 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 |



MF2

Nasiol MF2 is an economical nano protection product which is easily applied on thermoset, thermoplastic, metal and painted 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, dirt, oil or water.



Application should be done in a shaded area.



Half a square meter of surface should be sprayed.



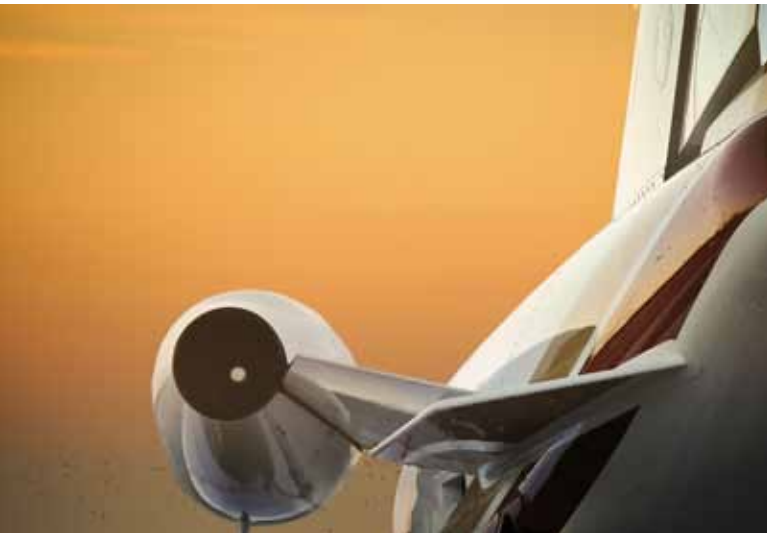
Surface should be buffed immediately with a dry, micro fiber cloth.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|---|
| Packages | 1-5-30 lt |
| Application surface type | Thermoset, thermoplastic, metal, painted metal |
| 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 |
| 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 and thermoplastic surfaces;

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



FCC

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

Surface gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- Slow contamination
- Easy Clean
- Does not block self-healing

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 lt |
| Application surface type | Paint protection films |
| Durability | Up to 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.



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 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 lt |
| Application surface type | Textile, suede, nubuck |
| Durability | Up to 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 |
| 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 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 and breathable 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 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 lt |
| Application surface type | Textile, suede, nubuck |
| Durability | Up to 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 |
| 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 |

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 and breathable 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 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 lt |
| Application surface type | Textile, suede, nubuck |
| Durability | Up to 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 |
| 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 |

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 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 lt |
| 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 |
| 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,
Building interiors and exterior surfaces.

Z-WB

Nasiol Z-WB, is an industrial water based 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 lt |
| Application surface type | Mineral absorbent surfaces |
| Durability | Up to 3 years |
| Consumption | 60-100 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 |
| 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 stone,
Building interiors and exterior surfaces,
Roof tiles, walls,
Historical monuments.



Z

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 lt |
| 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 |
| 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 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

- 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.



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 at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|---|
| Packages | 5-30 lt |
| 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.

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

- 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 lt |
| Application surface type | Metal, glass, ceramic, thermoset, thermoplastic and painted surfaces |
| Durability | Up to 1 year/10 washes |
| Consumption | 3-5 ml/m ² |
| Coating thickness | 600 nm |
| Water contact angle | 108° @10 µL |
| Oil contact angle | 88° @10 µL |
| Water sliding angle | 16° @20 µL |
| 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.



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
- 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.



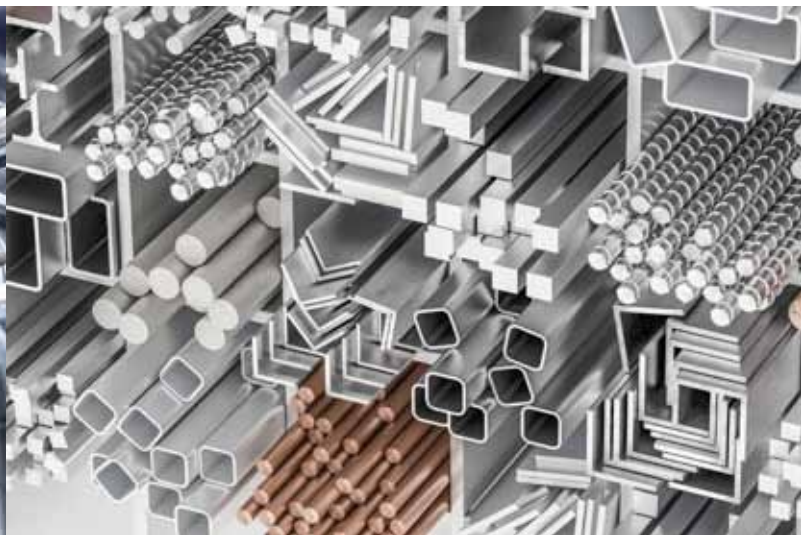
Surface should be buffed immediately with a dry, microfiber cloth.



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 lt |
| Application surface type | Metals and alloys |
| Durability | Up to 1 year |
| Consumption | 5-8 ml/m ² |
| Coating thickness | 400-800 nm |
| Water contact angle | 106° @10 µL |
| Oil contact angle | 89° @10 µL |
| Water sliding angle | 12° @20 µL |
| 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.

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

- 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.



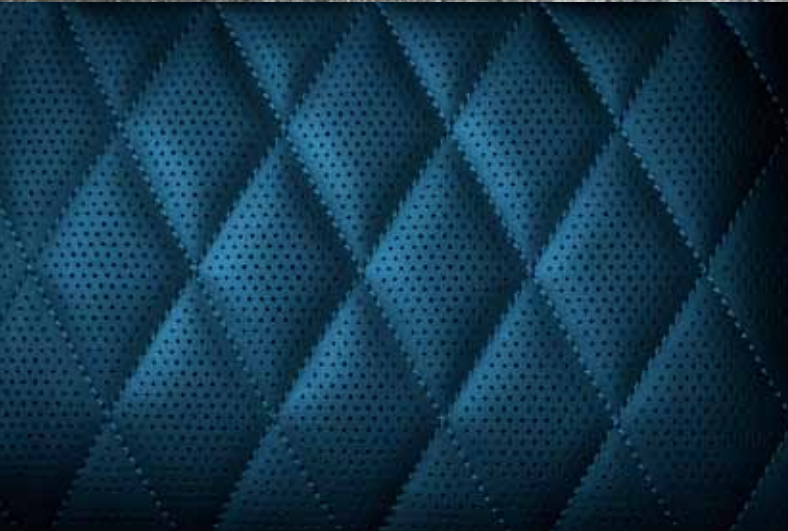
The product is applied by using an applicator pad



Curing time is 24h at 23°C - 50% RH.

SPECIFICATIONS

| | |
|--------------------------|--|
| Packages | 1-5-30 lt |
| Application surface type | Artificial and genuine leather |
| Durability | Up to 1 year |
| Consumption | 5-8 ml/m ² |
| Coating thickness | 0.7-1 µm |
| Chemical resistance | 12>pH>1 |
| Water contact angle | 135° @10 µL |
| Oil contact angle | 105° @10 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;

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



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