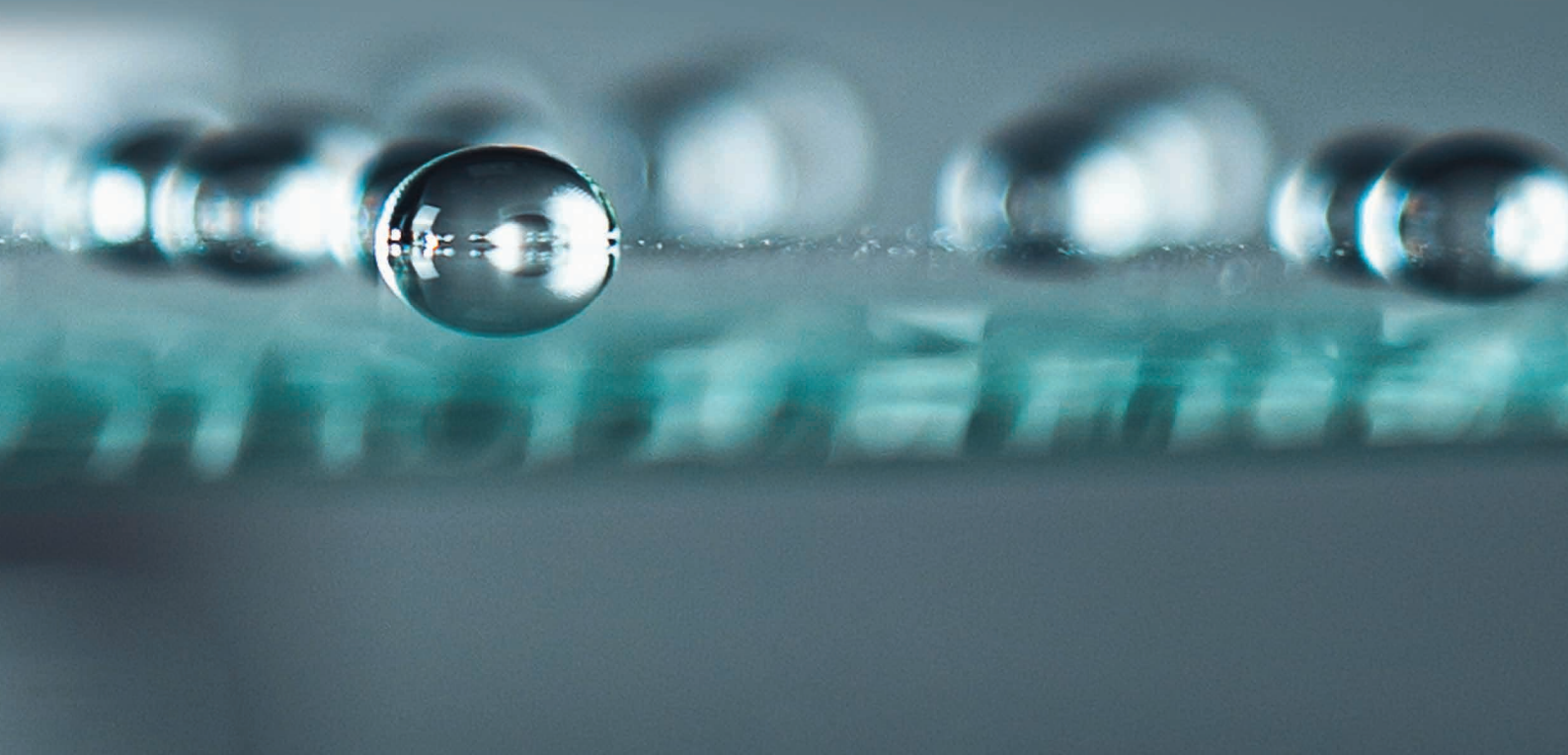




**INDUSTRIAL
NANO COATINGS
2024**



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

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 Series

Nano Coating for Glass and Ceramic Surfaces

Nasiol C and C1 are powerful and easy-applied nano coatings developed for glass and ceramic surfaces.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Dirt repellency
- Easy clean
- Anti-icing

Benefit Outcomes

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

Technical Specifications

	C	C1
Appearance	Colorless Liquid	Colorless Liquid
Chemical Resistance	13>pH>1	12>pH>1
Saltwater Resistance	√	√
Moisture Resistance	√	√
Dry Film Thickness	75-100 nm	75-100 nm
Consumption per Unit Area (Manual Application)	5 mL/m ²	5 mL/m ²
Density @23°C	0.81 g/cm ³	0.80 g/cm ³
pH Value	1.9 - 2.2	1.9 - 2.2
Transparency	99%	99%
Light Refractive Index	1.625 (Glass)	1.625 (Glass)
Application Temperature	5°C/30°C (≤50% RH)	5°C/30°C (≤50% RH)
Temperature Durability	275°C	275°C
Water Contact Angle	106° @10 μL	102° @10 μL
Water Contact Angle After "3000" Wet Scrub (ISO-11998:2006)	100° @10 μL	96° @10 μL
Water Sliding Angle	15° @60 μL	28° @60 μL
Oil Contact Angle	84° @10 μL	72° @10 μL
Shelf Life	2 years when unopened, 1 month after opening	
Durability	Up to 2 years	Up to 1 year

Applicable Surfaces

Glass buildings, balconies, shower cabins, showcases, windows, commercial cabinet doors, mirrors, solar panels, glass tables, coffee tables, glass surfaces of air, land, sea vehicles, glass machine, appliance parts and factory production areas where transparency/cleanliness is important (camera, sensor, lens, observation window), wet ceramic areas (pool and its surroundings, bathroom, terrace), vitrified surfaces (washbasin, toilet bowl).

*Contact your customer representative for more.

OMNIPHOB Series

Nano coating for thermoset, thermoplastic, metal, and painted surfaces

Nasiol Omniphob Series of products are hydrophobic, oleophobic, stain, scratch resistant and easy-to-clean durable clear coatings developed to be applied on multiple surface types.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Ceramic nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Easy clean
- Dirt repellency
- Renovation
- Scratch resistance
- High gloss effect

Benefit Outcomes

- Extends lifetime
- Saves money
- Keeps appearance
- Satin texture
- Increased depth and clarity of the surface

Technical Specifications

	M59	M39	M17	MO7	MO6	MG09
Appearance	Colorless Liquid	Colorless Liquid	Colorless Liquid	Colorless Liquid	Colorless Liquid	Black liquid
Chemical Resistance	12>pH>1	12>pH>1	12>pH>1	12>pH>1	12>pH>1	12>pH>1
Saltwater Resistance	√	√	√	√	√	√
Moisture Resistance	√	√	√	√	√	√
Pencil Hardness (ISO-15184:2012)	10H	10H	7H	-	-	7H
Dry Film Thickness	0.8-1.1 μm	700-800 nm	200-300 nm	200-300 nm (1 Layer) 300-400 nm (2 Layers)	200-300 nm	400-500 nm
Consumption per Unit Area (Manual Application)	4-5 mL/m ²	4-5 mL/m ²	5-8 mL/m ²	2-3 mL/m ² (1 Layer)	4-5 mL/m ²	5-8 mL/m ²
Density @23°C	0.87 g/cm ³	0.86 g/cm ³	0.8 g/cm ³	0.8 g/cm ³	0.8 g/cm ³	0.83 g/cm ³
pH Value	5 - 6	5 - 6	4.7 - 5.0	8 - 9	4.7 - 5.0	4.5 - 5.0
Application Temperature (≤50% RH)	5°C/30°C	5°C/30°C	5°C/30°C	5°C/30°C	5°C/30°C	5°C/30°C
Temperature Durability	150°C	150°C	275°C	275°C	275°C	275°C
Water Contact Angle	107° @10 μL	105° @10 μL	97° @10 μL	98° @10 μL (1 Layer) 100° @10 μL (2 Layers)	95° @10 μL	104° @10 μL
Water Contact Angle After "2000" Wet Scrub (ISO-11998:2006)	-	-	89° @10 μL	-	-	102° @10 μL
Water Contact Angle After "3000" Wet Scrub (ISO-11998:2006)	-	100° @10 μL	-	93° @10 μL	92° @10 μL	101° @10 μL
Water Contact Angle After "10000" Wet Scrub (ISO-11998:2006)	101° @10 μL	-	-	-	-	-
Water Sliding Angle	8° @60 μL	15° @60 μL	16° @60 μL	26° @60 μL (1 Layer) 15° @60 μL (2 Layers)	22° @60 μL	12° @60 μL
Oil Contact Angle	87° @10 μL	84° @10 μL	76° @10 μL	78° @10 μL	76° @10 μL	70° @10 μL
Gloss Rate @60° (ISO-2813:2014)	96 (Acrylic)	95 (Acrylic)	93 (Acrylic)	94 (Acrylic)	91 (Acrylic)	95 (Acrylic)
Shelf Life	1 year when unopened, 1 week after opening					
Durability	Up to 10 years	Up to 7 years	Up to 5 years	Up to 3 years	Up to 18 months	Up to 4 years

Applicable Surfaces

Machine, device parts, factory production areas, city furniture, surfaces in public areas (stadium seats, playgrounds), traffic lights, warning signs, billboards, PVC windows, sea, air, land vehicles, construction materials, faucets, shower heads, radars/radomes, building shades, electronics, meteorology and renewable energy systems, floor and wall coverings, white goods, countertops.

*Contact your customer representative for more.

OMNIPHOB

Series

FCC

Film Protective Nano Coating

Nasiol FCC is flexible film coating for PPF, providing high water repellency and easy-to-clean properties without affecting the characteristics of the underlying protective film.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature

Surface Gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- Dirt repellency
- Easy clean
- Does not block self-healing
- Visually not detectable

Benefit Outcomes

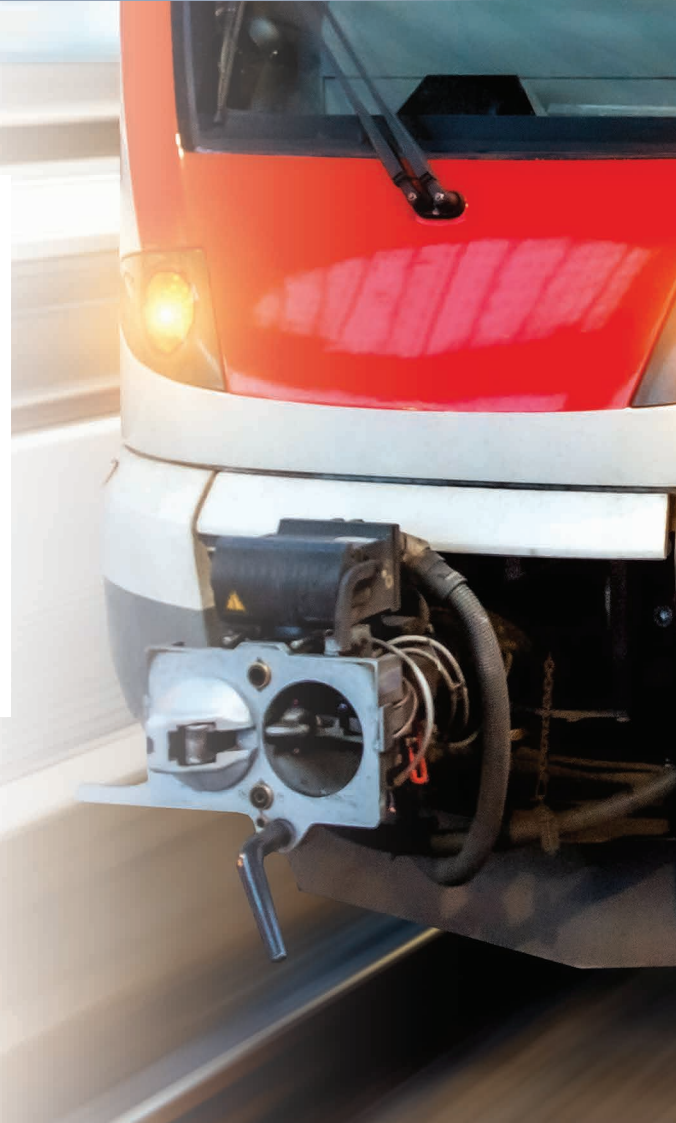
- Extends lifetime
- Saves money
- Keeps appearance



Available in 1L /5L/30L Containers

Technical Specifications

	FCC
Appearance	Colorless Liquid
Chemical Resistance	12>pH>1
Salt Water Resistance	√
Moisture Resistance	√
Consumption per Unit Area (Manual Application)	2-3 mL/m ² (1 Layer)
Density @23°C	0.802 g/cm ³
pH Value	8 - 9
Dry to Touch Time	6h
Application Temperature	5°C-30°C (≤50% RH)
Water Contact Angle	102° @10 μL
Water Contact Angle After "5000" Wet Scrub (ISO-11998:2006)	95° @10 μL
Water Sliding Angle	12-18° @60 μL
Shelf Life	1 year when unopened, 1 month after opening
Durability	Up to 2 Years



Applicable Surfaces

PU films, Vinyl films, PVC films.

*Contact your customer representative for more.

FCC

T Series

Nano Coating for Textile Surfaces

Nasiol T Series of products are hydrophobic, oleophobic, stain resistant, easy-to-clean that are durable coatings developed for textile surfaces.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying
- Padding

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Dirt repellency
- Easy clean
- Liquid repellency

Benefit Outcomes

- Extends lifetime
- Saves money
- Keeps appearance

Technical Specifications

	T Alcohol based	T1 Alcohol based	T-PLUS Alcohol based	T-WB Water based
Appearance	Colorless Liquid	Colorless Liquid	Colorless Liquid	Whitish Liquid
Chemical Resistance	11>pH>1	11>pH>1	11>pH>1	11>pH>2
Dry Film Thickness	75-100 nm	75-100 nm	75-100 nm	90-100 nm
Consumption per Unit Area	80-100 mL/m ²	80-100 mL/m ²	80-100 mL/m ²	60-100 mL/m ²
Density @23°C	0.809 g/cm ³	0.812 g/cm ³	0.805 g/cm ³	1.01 g/cm ³
pH Value	1.9 - 2.2	1.9 - 2.2	5 - 6	4 - 5
Breathability (EN 1062-1)	Category 1	Category 1	Category 1	Category 1
Application Temperature	5°C/30°C (≤50% RH)	5°C/30°C (≤50% RH)	5°C/30°C (≤50% RH)	5°C/45°C (≤50% RH)
Temperature Durability	110°C	110°C	-	150°C
Water Repellency (ISO-4920)	100/100	100/100	100/100	100/100
Water Contact Angle	144° @10 µL	129° @10 µL	152° @10 µL	152° @20 µL
Water Contact Angle After "2000" Dry Scrub (ISO-11998:2006)	126° @10 µL	122° @10 µL	144° @10 µL	-
Water Contact Angle After "3000" Dry Scrub (ISO-11998:2006)	-	-	-	136° @20 µL
Water Sliding Angle	7° @60 µL	9° @60 µL	18° @60 µL	18° @60 µL
Oil Contact Angle	92° @10 µL	81° @10 µL	136° @10 µL	129° @20 µL
Shelf Life	2 years when unopened 1 month after opening			2 years when unopened 6 months after opening
Durability	Up to 1 year	Up to 9 months	Up to 1 year	Up to 12-15 months

Applicable Surfaces

Woven, non-woven fabrics, carpets, rugs, tablecloths, garden furnitures, awnings, umbrellas, tents, sheets, curtains, armchairs, chairs, sun loungers and cushions, textile surfaces in public spaces (movie theaters, beaches, transportation vehicles), filters, clothings, accessories, ropes, textile parts of wearable electronics, shoes, bags, upholsteries.

*Contact your customer representative for more.

T
Series

Z Series

Nano Coating for Absorbent Mineral Surfaces

Nasiol Z series are hydrophobic, oleophobic, stain resistant industrial nano protection products for mineral surfaces.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Dirt repellency
- Easy clean

Benefit Outcomes

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

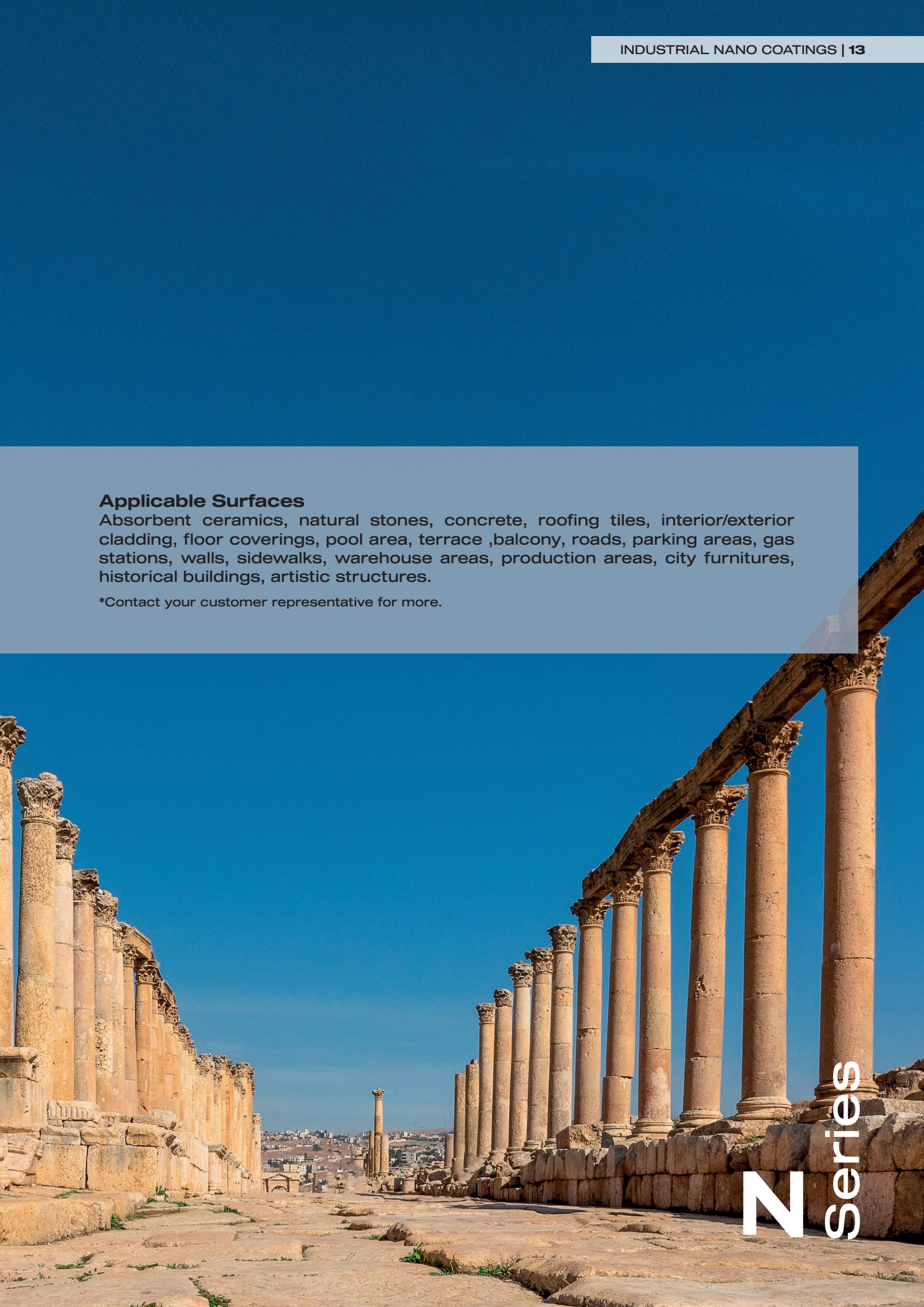
Technical Specifications

	Z Alcohol based	Z-WB Water based
Appearance	Colorless Liquid	Hazy Liquid
Chemical Resistance	11>pH>1	11>pH>1
Dry Film Thickness	70-95 nm	90-100 nm
Consumption per Unit Area	40-60 mL/m ²	60-90 mL/m ²
Density @23°C	0.809 g/cm ³	0.99 g/cm ³
pH Value	1.9 - 2.2	4 - 5
Breathability	√	√
Application Temperature	5°C/30°C (≤50% RH)	5°C/30°C (≤50% RH)
Temperature Durability	325°C	250°C
Water Contact Angle	130° @10 μL	142° @10 μL
Water Sliding Angle	13° @60 μL	10° @60 μL
Oil Contact Angle	85° @10 μL	101° @10 μL
Shelf Life	2 years when unopened 1 month after opening	2 years when unopened 2 months after opening
Durability	Up to 2 years	Up to 3 years

Applicable Surfaces

Absorbent ceramics, natural stones, concrete, roofing tiles, interior/exterior cladding, floor coverings, pool area, terrace ,balcony, roads, parking areas, gas stations, walls, sidewalks, warehouse areas, production areas, city furnitures, historical buildings, artistic structures.

*Contact your customer representative for more.



N Series

W Series

Nano Coating for Natural Wooden Surfaces

Nasiol W series are hydrophobic, oleophobic, stain resistant industrial nano protection products for natural wooden surfaces without a varnish or a lacquer layer on them.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Salty water protection
- Dirt repellency
- Easy clean
- Preventing mold/fungus growth

Benefit Outcomes

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

Technical Specifications

	W Alcohol based	W-WB Water based
Appearance	Colorless Liquid	Colorless Liquid
Chemical Resistance	11>pH>1	11>pH>1
Dry Film Thickness	60-70 nm	60-70 nm
Consumption per Unit Area	40-60 mL/m ²	70-100 mL/m ²
Density @23°C	0.809 g/cm ³	1.017 g/cm ³
pH Value	1.9 - 2.2	4 - 5
Breathability	√	√
Application Temperature	5°C/30°C (≤50% RH)	5°C/30°C (≤50% RH)
Temperature Durability	110°C	-
Water Contact Angle (Cotton Wood)	144° @10 μL	153.6° @10 μL
Water Sliding Angle (Cotton Wood)	16° @60 μL	< 1° @60 μL
Oil Contact Angle (Cotton Wood)	90° @10 μL	80.4° @10 μL
Shelf Life	2 years when unopened 1 month after opening	
Durability	Up to 1 year	Up to 5 years

Applicable Surfaces

Fences, railings, garden furnitures, gazebos, street furnitures, wooden houses, decks, verandas, wooden decors, artworks, wall and floor coverings, wood based construction panels.

*Contact your customer representative for more.

W
Series

LC12

Nano Coating for Leather Surfaces

Nasiol LC12 is a hydrophobic, oleophobic, stain resistant, easy-to-clean durable coating developed for natural and artificial leather surface.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Transparent and breathable nano coating
- Hydrophobicity
- Oleophobicity

Benefits

- Chemical protection
- UV protection
- Dirt repellency
- Easy clean
- Anti-friction

Benefit Outcomes

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

Technical Specifications

	LC12
Appearance	Clear Liquid
Chemical Resistance	12>pH>1
Salt Water Resistance	√
Moisture Resistance	√
Dry Film Thickness	0.7-1 μm
Consumption per Unit Area (Manual Application)	30-45 mL/m ²
Density @23°C	0.86 g/cm ³
pH Value	5 - 6
Application Temperature	5°C/30°C (≤50% RH)
Temperature Durability	150°C
Water Contact Angle	135° @10 μL
Water Contact Angle After "3000" Wet Scrub (ISO-11998:2006)	117° @10 μL
Water Sliding Angle	18° @60 μL
Oil Contact Angle	105° @10 μL
Shelf Life	1 year when unopened 2 months after opening
Durability	Up to 1 year

Applicable Surfaces

Furniture, clothings, accessories, shoes, air, land, sea vehicle seats.

*Contact your customer representative for more.

LC12

MP55

Anti-Corrosion Nano Coating for Various Surfaces

Nasiol MP55 is a hydrophobic, oleophobic and corrosion resistant durable coating developed for metals and alloys.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Transparent nano coating
- Hydrophobicity
- Oleophobicity
- Corrosion resistance

Benefits

- Chemical protection
- UV protection
- Dirt repellency
- Easy clean
- Rust resistance

Benefit Outcomes

- Extends lifetime
- Saves money
- Keeps appearance

Technical Specifications

	MP55
Appearance	Yellowish Liquid
Chemical Resistance	12>pH>1
Saltwater Resistance	√
Moisture Resistance	√
Dry Film Thickness	600-800 nm
Consumption per Unit Area (Manual Application)	5-8 mL/m ²
Density @23°C	0.816 g/cm ³
pH Value	5 - 6
Application Temperature	5°C/30°C (≤50% RH)
Temperature Durability	275°C
Water Contact Angle	106° @10 μL
Water Sliding Angle	12° @60 μL
Oil Contact Angle	89° @10 μL
Shelf Life	1 year when unopened 1 week after opening
Durability	Up to 1 year



Applicable Surfaces

Building components, profiles, machine, device parts, furniture components, pipes, production components.

*Contact your customer representative for more.

MP55

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 reduce cleaning time.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

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

Benefits

- Chemical protection
- UV protection
- Dirt repellency
- Easy clean

Benefit Outcomes

- Extends lifetime
- Saves money
- Keeps appearance

Technical Specifications

	Anti-GRM
Appearance	Colorless Liquid
Chemical Resistance	12>pH>1
Saltwater Resistance	√
Moisture Resistance	√
Dry Film Thickness	600-700 nm
Consumption per Unit Area (Manual Application)	4-5 mL/m ²
Density @23°C	0.836 g/cm ³
pH Value	4.7 - 5.0
Application Temperature	5°C/30°C (≤50% RH)
Temperature Durability	275°C
Water Contact Angle	108° (@10 μL)
Water Sliding Angle	16° (@60 μL)
Oil Contact Angle	88° (@10 μL)
Shelf Life	1 year when unopened 1 week after opening
Durability	Up to 1 year (10 times graffiti cleaning cycles)

Applicable Surfaces

Public transportation vehicles, stations, air, land, sea vehicles, solar panels, building exterior surfaces.

*Contact your customer representative for more.

Anti-GERM

SHBC

Superhydrophobic Nano Coating for Various Surfaces

Nasiol SHBC is a superhydrophobic white, opaque, and flexible coating applied as two layers (SHB + SHC) and developed to be applied on multiple surfaces.

APPLICATION OPTIONS

- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature

Surface Gains

- Opaque flexible nano coating
- Superhydrophobicity
- Oleophobicity

Benefits

- UV protection
- Dirt repellency
- Easy clean
- Anti-icing

Benefit Outcomes

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



Available in 1L /5L/30L Containers

Technical Specifications

	SHBC
Appearance	Whitish liquid
Saltwater Resistance	√
Dry Film Thickness	8-10 µm
Consumption per Unit Area	80-100 mL/m ²
Breathability (EN 1062-1)	Category 1
pH Value	SHB: 5.0 - 5.3 SHC: 4.7 - 5.0
Application Temperature	5°C/30°C (≤50% RH)
Temperature Durability	175°C
Water Contact Angle	171° @10 µL
Water Sliding Angle	1° @60 µL
Oil Contact Angle	140° @10 µL
Shelf Life	1 year when unopened 1 month after opening
Durability	Up to 2 years without abrasion

Applicable Surfaces

Production areas, walls, machine, device parts.

*Contact your customer representative for more.

SHBC

Anti-VRL

Antiviral and Antibacterial Nano Coating for Various Surfaces

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

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Antiviral
- Antibacterial
- Invisible and breathable nano coating

Benefits

- Hygiene
- Preserving the natural look

Benefit Outcomes

- Keeps appearance
- Eliminating the need for disinfection

Technical Specifications

	Anti-VRL
Appearance	Yellowish Liquid
Saltwater Resistance	√
Moisture Resistance	√
Consumption (Manual Application)	Fabric: 60-90 mL/m ² Non-absorbent: 6-10 mL/m ²
Density @23°C	0,81 g/cm ³
pH Value	4.7 - 5.0
Dry to Touch Time	6h
Application Temperature	+5°C to +45°C (≤50% RH)
Shelf Life	1 year when unopened 1 week after opening
Durability	Up to 1 year

Effectiveness

Organism type:	Effectiveness %
E. Coli	99,99
Algae	99,99
Influenza A (H1N1) On fabric	99,9
Coronavirus (Covid-19) On metal	%90 (After 30 days)

Applicable Surfaces

Door handles, elevator interiors, furnitures, accessories, electronic devices, clothing, public spaces, transportation interiors, schools, hospitals.

*Contact your customer representative for more.

Anti-VIRL

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 by washing or peeling off.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Temporary protection
- UV resistance

Benefits

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

Benefit Outcomes

- Extends lifetime
- Saves money

Technical Specifications

	TF
Appearance	Liquid Gel
Consumption per Unit Area	60-75 mL/m ²
Dry Film Thickness	15-20 µm
Density @23°C	1.04 g/cm ³
pH Value	5 - 6
Application Temperature	0°C-60°C (≤50% RH)
Temperature Durability	250°C
Dry-to-Touch Time	20 mins @23°C



Applicable Surfaces

Vehicles, valuables, art pieces, furnitures, machinery.

*Contact your customer representative for more.



P45

Nano Coating for Plastic and Painted Surfaces

Nasiol P45 is a coating material that renews the appearance and restores the color of interior and exterior thermoset & thermoplastic and painted surfaces. It maintains its new appearance for up to 2 years. Thanks to its water-repellent feature, it also helps to keep the surface clean.

APPLICATION OPTIONS

- Manual
- Pressurized Spraying

CURING OPTIONS

- Room Temperature
- High Temperature



Available in 1L /5L/30L Containers

Surface Gains

- Ceramic nano coating
- Hydrophobicity

Benefits

- Chemical protection
- UV protection
- Easy clean
- Dirt repellency
- Renovation

Benefit Outcomes

- Extends lifetime
- Saves money
- Renews appearance

Technical Specifications

	P45
Appearance	Colorless Liquid
Chemical Resistance	12>pH>1
Saltwater Resistance	√
Moisture Resistance	√
Dry Film Thickness	700-1000 nm
Consumption per Unit Area (Manual Application)	5-8 mL/m ²
Density @23°C	0.86 g/cm ³
pH Value	5 - 6
Application Temperature	5°C-30°C (≤50% RH)
Temperature Durability	-
Water Contact Angle	115° @10 μL
Water Sliding Angle	20° @60 μL
Oil Contact Angle	34° @10 μL
Gloss Rate @60° (ISO-2813:2014)	80
Shelf Life	1 year when unopened, 1 week after opening
Durability	Up to 2 years

Applicable Surfaces

Stadium seats, vehicle parts, playgrounds, sun loungers, outdoor products, tarpaulins, greenhouses.

*Contact your customer representative for more.

P45

		KEY FEATURES									Durability
		Water Repellency	Oil Repellency	Scratch Resistance	Stain Resistance	Renovation	Anti-corrosion	Anti-graffiti	Anti-icing	Antimicrobial - Antiviral	
C SERIES	C	√	√	-	√	-	-	-	√	-	Up to 2 years
	C1	√	√	-	√	-	-	-	√	-	Up to 1 year
OMNIPHOB SERIES	M59	√	√	√	√	√	-	-	-	-	Up to 10 years
	M39	√	√	√	√	√	-	-	-	-	Up to 7 years
	M17	√	√	√	√	√	-	-	-	-	Up to 5 years
	M07	√	√	√	√	√	-	-	-	-	Up to 3 years
	M06	√	√	√	√	√	-	-	-	-	Up to 18 months
	MG09	√	√	√	√	√	-	-	-	-	Up to 4 years
	FCC	√	√	-	√	-	-	-	-	-	Up to 2 years
T SERIES	T	√	√	-	√	-	-	-	-	-	Up to 1 year
	T1	√	√	-	√	-	-	-	-	-	Up to 9 months
	T-PLUS	√	√	-	√	-	-	-	-	-	Up to 1 year
	T-WB	√	√	-	√	-	-	-	-	-	Up to 12-15 months
Z SERIES	Z	√	√	-	√	-	-	-	-	-	Up to 2 years
	Z-WB	√	√	-	√	-	-	-	-	-	Up to 3 years
W SERIES	W	√	√	-	√	-	-	-	-	-	Up to 1 year
	W-WB	√	√	-	√	-	-	-	-	-	Up to 5 years
	LC12	√	√	-	√	-	-	-	-	-	Up to 1 year
	MP55	√	√	-	√	-	√	-	-	-	Up to 1 year
	Anti-GRM	√	√	-	√	-	-	√	-	-	Up to 1 year
	SHBC	√	√	-	√	-	-	-	√	-	Up to 2 years
	Anti-VRL	-	-	-	-	-	-	-	-	√	Up to 1 year
	TF	-	-	-	-	-	-	-	-	-	Temporary Coating
	P45	√	-	√	√	√	-	-	-	-	Up to 2 years

SURFACE TYPES											
Glass	Ceramic	Plastic	Metal	Painted Surface	Textile, Suede, Nubuck	Absorbent Mineral	Natural Wooden	Leather	Paint Protection Film		
√	√	-	-	-	-	-	-	-	-	C	C SERIES
√	√	-	-	-	-	-	-	-	-	C1	
-	-	√	√	√	-	-	-	-	-	M59	OMNIPHOB SERIES
-	-	√	√	√	-	-	-	-	-	M39	
-	-	√	√	√	-	-	-	-	-	M17	
-	-	√	√	√	-	-	-	-	-	M07	
-	-	√	√	√	-	-	-	-	-	M06	
-	-	√	√	√	-	-	-	-	-	MG09	
-	-	√	-	-	-	-	-	-	√	FCC	
-	-	-	-	-	√	-	-	-	-	T	T SERIES
-	-	-	-	-	√	-	-	-	-	T1	
-	-	-	-	-	√	-	-	-	-	T-PLUS	
-	-	-	-	-	√	-	-	-	-	T-WB	
-	-	-	-	-	-	√	-	-	-	Z	Z SERIES
-	-	-	-	-	-	√	-	-	-	Z-WB	
-	-	-	-	-	-	-	√	-	-	W	W SERIES
-	-	-	-	-	-	-	√	-	-	W-WB	
-	-	-	-	-	-	-	-	√	-	LC12	
-	-	-	√	-	-	-	-	-	-	MP55	
√	√	√	√	√	-	-	-	-	-	Anti-GRM	
√	√	√	√	√	-	√	√	-	-	SHBC	
√	√	√	√	√	√	√	√	√	√	Anti-VRL	
√	√	√	√	√	-	-	-	-	√	TF	
-	-	√	-	√	-	-	-	-	-	P45	



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