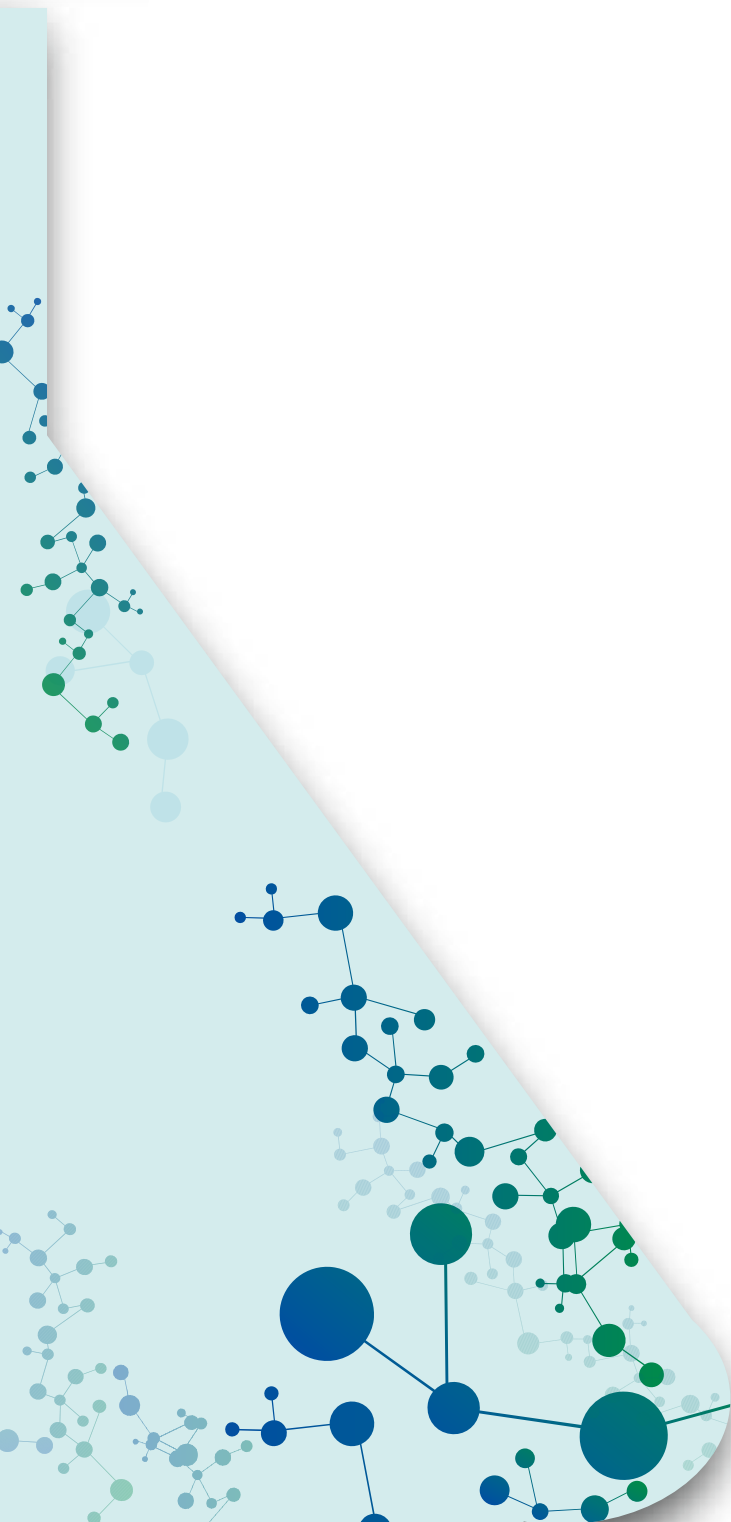
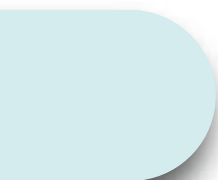
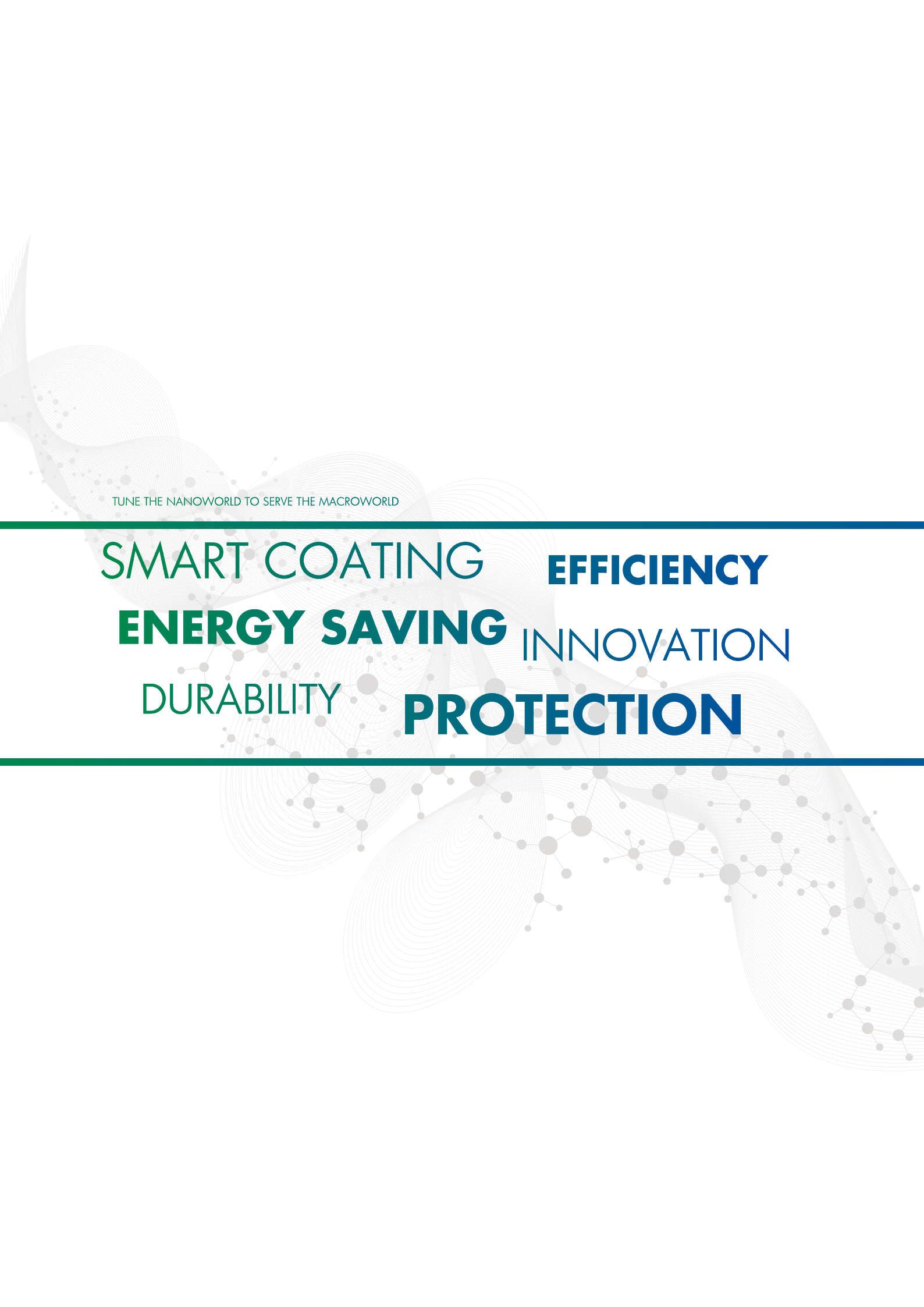


PRODUCT CATALOGUE

MARCH 2022







TUNE THE NANOWORLD TO SERVE THE MACROWORLD

SMART COATING

EFFICIENCY

ENERGY SAVING

INNOVATION

DURABILITY

PROTECTION

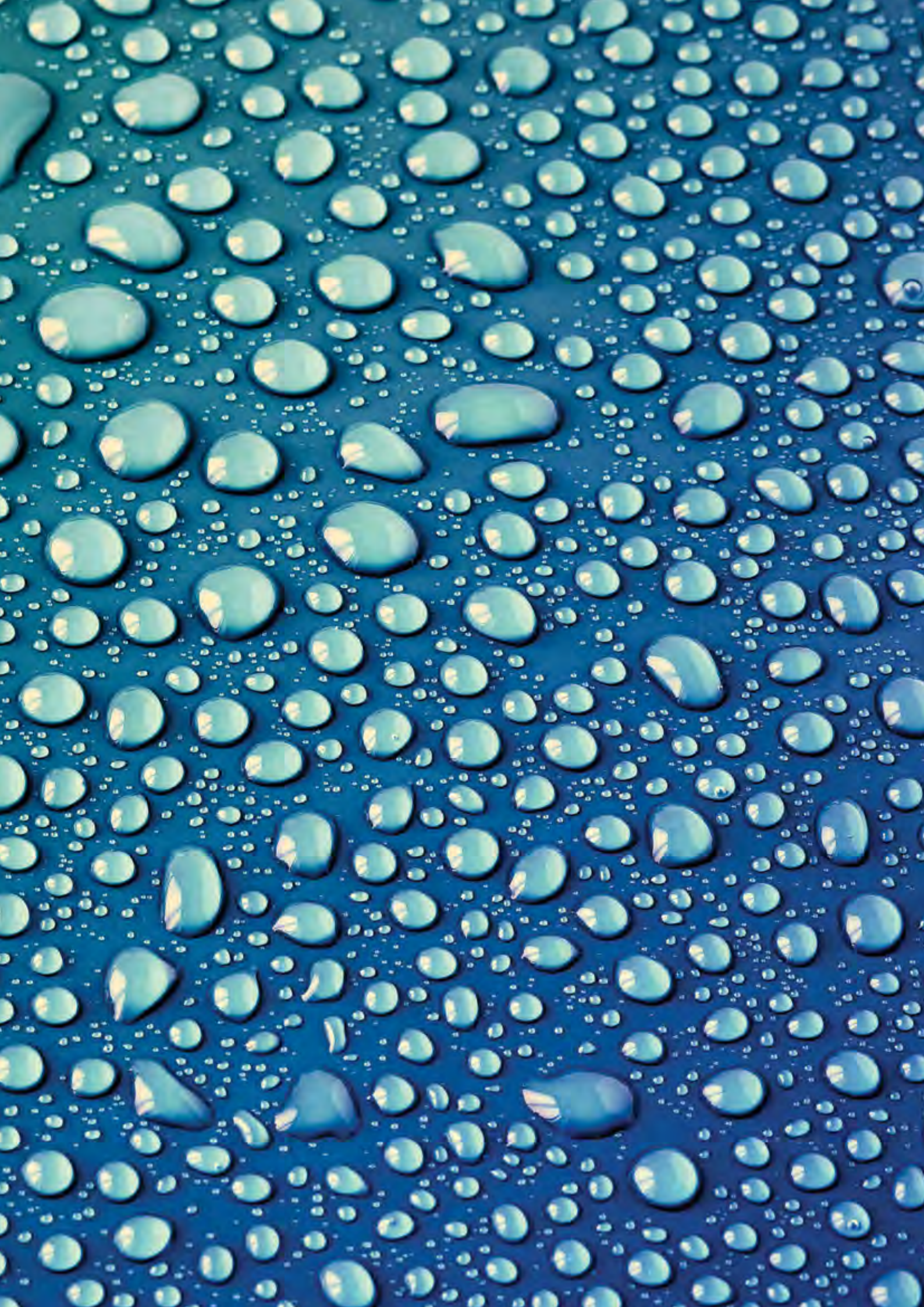


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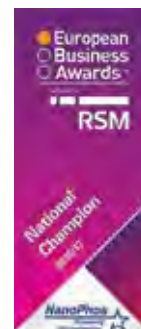






NANOPHOS

- was established in 2005, in Lavrio Attica, in the facilities of the Technological & Scientific Park, which are under the management of the National Technical University of Athens (NTUA)
- inextricably linked to the scientific community, NanoPhos participates in European research programs and collaborates with the University of Crete as well as the Aristotle University Thessaloniki.
- In January 2008, the company was awarded by Microsoft founder Bill Gates as one of the most innovative companies worldwide



European
Business
Awards

National Champion
2016 - 2017

OUR VISION

is the **continuous development, scientific research** and **production** of new innovative materials, based on nanoparticle technology, with the aim of effectively meeting the needs in the fields of **manufacturing, building & construction, shipping** and **industry**.

In NanoPhos we invent, develop and distribute **"intelligent" coatings**, offering complete solutions to all types of problems in an almost robotic way, allowing the materials to adjust to the environment applied. All NanoPhos products can be applied in the fields of **Building & Construction, Industry, Marine, Yachting, Renewables** and **Defense**, presenting high resistance, long lasting and efficiency, while at the same time being environmentally friendly.



CERTIFICATIONS

NanoPhos has been certified by
Lloyd's Register Quality Assurance
according to the below principals:



1. Quality Management System **EN ISO 9001:2015**
2. Environmental Management System **EN ISO 14001:2015**
3. Health and Safety Management System by **OHSAS 18001:2007**
for the development, production and marketing of cleaning and surface protection products



WHAT DOES NANOTECHNOLOGY MEAN?

Nanotechnology refers to the scientific field which deals in the research and creation of "smart" or functional material particles, which are very small in size - usually 100 nanometers or smaller-. For example, one nanometer (nm) is one billionth of a meter (10^{-9} m). It is so small that if earth was one meter in diameter, then one nanometer would have been the size of an apple. When a common material shrinks at nanoscale level, it exhibits unconventional and unique properties compared to smaller molecules or larger conventional bulk materials

WHY SHOULD I PREFER NANOPHOS NANOTECHNOLOGY PRODUCTS?

1. Do not create films and do not alter the appearance & texture of the surface

Unlike common film-forming products of two or more ingredients or silicone formulations, which create a "protection film", NanoPhos products waterproof and protect surfaces, penetrating their pores. The infinitesimal size of the nanoparticles gives them ability to penetrate deep into the surfaces and coat the pores of the materials, repelling it water or corrosive agents. Thus, the surfaces are not affected by abrasion, stress or mechanical wear, without altering the appearance and texture.

2. Have a long-lasting effect

The protection offered by the products is not affected by factors such as harsh sunlight, while not yellowing the face of the surfaces applied

3. They allow the transpiration of the surfaces

As an example, in the case of internal leakage the surfaces to which products have been applied waterproofing surfaces, allow the one-way transfer of water in the form of water vapor from the interior of the material to the environment. Simply put, water evaporates into the environment and is prevented any "swelling" or "cracks".



SAFETY

All SurfaPore™, SurfaMix™, SurfaPaint™, SurfaGuard™, DeSalin™, SurfaFix™, SurfaCret™, SurfaDry™ & SurfaShield™ formulations are manufactured in accordance with the Directives 67/548/EC and 1999/45/EC. The Volatile Organic Compounds (VOC) content is always lower than the limits set by the European Union (Directive 2004/42/EC).

SurfaPore™, SurfaMix™, SurfaPaint™, SurfaShield™, DeSalin™, SurfaFix™, SurfaCret™ & SurfaDry™ are registered trademarks of NanoPhos SA.



INTERNATIONAL
DISTRIBUTION NETWORK



A world map with a light blue background and grey landmasses. The map displays the distribution of 25 blue location pins. A blue star is positioned in Europe, specifically in the Iberian Peninsula region. The pins are distributed across the following regions: Europe (10 pins), Africa (8 pins), Asia (10 pins), and Australia (5 pins). The pins are concentrated in Western Europe, North Africa, and South America, with a few scattered pins in Asia and Australia.

WATERPROOFING & SURFACE PROTECTION



SurfaPore™ C

Waterproofing solution for
any kind of porous surface

| Water Base



Application Surfaces

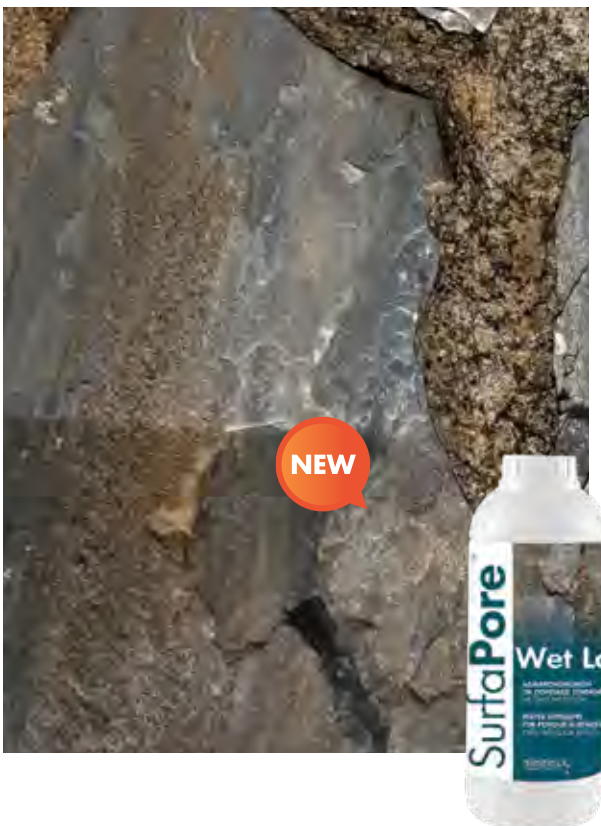
For porous surfaces such as, cementitious surfaces, coatings, joints, stones, natural and artificial stones for internal & external use

Characteristics

- Increased penetration and impregnation of the substrate
- Effective waterproofing of the final surface
- Protection against mold and microorganisms
- Breathable, colorless and odorless
- Does not form a film

Packaging:

1L, 4L, 10L, 30L



SurfaPore™ Wet Look

Water repellent for porous surfaces

| Water Based



Application Surfaces

For rocks, natural stones, cement mortars
and stamped floors

Characteristics

- Highlighting the natural look, giving the feeling of "wet" permeability
- Inorganic composition free of resins, avoiding film creation
- High penetration and durability against water conditions and UV radiation
- Strong water repellency

Packaging:

1L, 3L, 10L, 30L



Characteristics

- Colorless and odorless, it does not create a film
- Does not alter the appearance of the surface
- High resistance against food stains
- Effective sealing of resources of the surface
- Resistant to UV radiation

SurfaPore™ T

**NEW
FORMULA**

**Waterproofing solution
& protection of marbles**
| Water Based



Transparent

14 - 20 m²/L

Application Surfaces

For polished marbles, granites and other less absorbent surfaces

Packaging:

1L, 4L



Characteristics

- Increased penetration and absorbency from the surface
- Resistance against stains from food and oils
- Does not alter the appearance of the surface

SurfaPore™ T SB

**Waterproofing solution
& marble oil protection**
| Solvent Based



Transparent

10 - 12 m²/L

Application Surfaces

For polished marbles, granites and other less absorbent surfaces

Packaging:

1L, 2.5L, 5L



Characteristics

- Breathable, colorless and odorless
- Does not form a film
- Protects the surface from mold
- Does not alter the appearance of the surface
- Protects from cracks due to frost
- Triple action hydrophobic

SurfaPore™ R

**NEW
FORMULA**

**Waterproofing solution & protection
of any clay porous surface**
| Water Based



Transparent

9 - 11 m²/L

Application Surfaces

For clay surfaces, tiles, cotto tiles & pottery items

Packaging:

1L, 4L, 30L





Characteristics

- Breathable, colorless and odorless
- Increased penetration and absorbency from the surface
- Resistance against stains from food and oils
- Does not alter the appearance of the surface

SurfaPore™ M

Solution for waterproofing & oil absorbent protection of marbles & natural stones

I Water Based



Application Surfaces

For polished marbles, granites, mosaics and other less absorbent surfaces

Packaging:

1L, 4L, 10L, 30L



Characteristics

- Waterproofs and protects from greasy stains of fabrics containing natural fibers, cotton, leather
- Does not form a film
- Does not contain chemicals
- Does not alter the appearance and texture of the fabric

SurfaPore™ H

Waterproofing solution & oil protection of fabrics

I Water Based



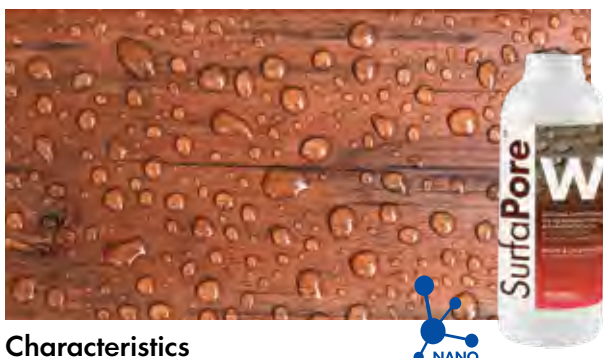
Application Surfaces

For wallpapers, carpets, curtains, upholstery fabrics, awnings, car hoods & yachts

Packaging:

500ml, 4L

NEW FORMULA



Characteristics

- Breathable, colorless and odorless
- Does not form a film
- No added biocides
- Deep impregnation and preservation of natural appearance of wood

SurfaPore™ W

Solution for waterproofing & oil absorbent protection of wooden surfaces

I Water Based

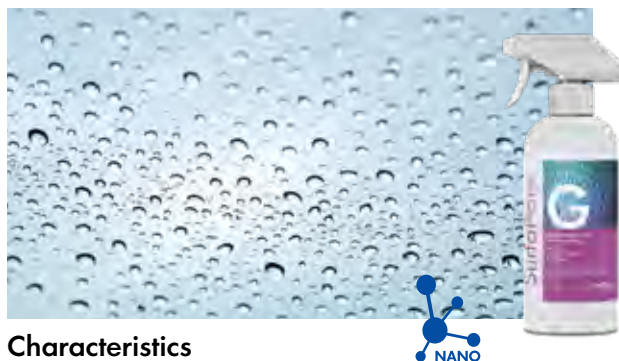


Application Surfaces

For garden furniture & timber, pergolas, decks, fences, pillars of wooden roofs

Packaging:

1L, 4L, 10L, 30L



Characteristics

- Turns glass surfaces into antistatic and anti-glare
- Significantly reduces the appearance of spots from salts
- Resistant to UV radiation and deposition air pollutants
- Easy to clean, no use of scrubbing and chemicals

SurfaPore™ G

**NEW
FORMULA**

**Solution for glass
protection surfaces**
| Water Based



Application Surfaces

For glass surfaces, shower cabins, acrylic surfaces,
shop windows & mirrors

Packaging:
500ml, 1L, 4L



Characteristics

- Full coverage of surface pores
- Durable for 2-3 cleanings without re-application
- Easy cleaning using pressurized water
- Resistant to UV radiation

SurfaPore™ AG

**NEW
FORMULA**

**Solution for surface protection
from graffiti**
| Water Based



Application Surfaces

For absorbent surfaces of cementitious base (masonry),
ceramic decorative bricks & marble

Packaging:
1L, 4L, 10L



Characteristics

- Unique composition of nanotechnology
- Creates a 3D network by blocking the capillary absorbance of water and creates a water vapor barrier (rising humidity)
- Protects in depth due to high penetration capacity and stabilizes the surface at the same time
- Works as a primer and after the application apply the final acrylic base paint directly
- Breathable and easily applicable
- Does not alter the appearance and texture of the surface
- Protects against cracks in the long run

SurfaPore™ RD

**Impregnation solution against
rising humidity**
| Water Based



Application Surfaces

For interior & exterior masonry, concrete, cement, plasters,
coatings, clay, cement mortar, cement slabs, stone, bricks

Packaging:
1L, 3L, 10L



PRIMERS



SurfaMix™ P

NEW FORMULA

**Nanostructured acrylic primer
for acrylic and plastic paints**
I Water Based



Light blue



30 - 40 m²/L

Application Surfaces

For plasters, gypsum boards, cement boards
& repainting of surfaces

Characteristics

- Odorless and environmentally friendly
- Impregnates perfectly
- Breathable
- Protects against alkalis
- Reduces the absorbency of the surface
- Shows strong adhesion to the substrate
- Offers waterproofing & anti-mold protection

Packaging:

1L, 4L, 10L



SurfaMix™ P WBQ

**Acrylic quartz primer
for surface preparation**
I Water Based



Grey



8 - 15 m²/L

Application Surfaces

For non-absorbent surfaces

Characteristics

- Contains synthetic resins and quartz aggregates of selected granulometry
- Strong adhesion even on smooth, non-absorbent surfaces
- Moisture resistance
- Easy application

Packaging:

1kg, 4kg, 10kg



Characteristics

- With strong adhesion to demanding surfaces
- Enhances coverage before the final color
- Protects against corrosion
- Prevents stains from previous coatings (eg asphalt products)

SurfaMix™ Universal Primer

Special adhesion primer
for difficult surfaces | Solvent Based



White



7 - 10 m²/L

Application Surfaces

For galvanized iron, aluminum, glass, surfaces with small porosity such as marbles and granites

Packaging:

1L, 5L



Characteristics

- Odorless and environmentally friendly
- Strong "link" between each species substrate and final color
- Fully compatible with all finishes
- Reduction of surface dust
- Surface dust reduction and surface stabilization

SurfaMix™ Epoxy Primer WB

2-component epoxy primer
| Water Based



Transparent

Application Surfaces

For fresh cementitious, asphalt substrates and old acrylic or polyurethane coatings

Packaging:

1L (A+B), 3L (A+B), 10L (A+B)



8 - 10 m²/L



Mixing Ratio
A:B 3:1



Characteristics

- With a penetration depth of up to 20mm in surface, enhances mechanical strength and stabilizes loose substrates cementitious base
- Enhances abrasion resistance and eliminates the gradual disintegration and growth of dust
- Easy application

SurfaPore™ FX WB

Innovative nanotechnology hybrid primer
| Water Based



Transparent



8 - 10 m²/L

Application Surfaces

For plasters, cement mortars, cement fillers, poroliths etc.

Packaging:

1L, 4L, 10L



INTELLIGENT PAINTS



Characteristics

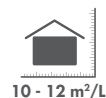
- With increased adhesion, UV resistance and alkalis, 100% acrylic
- Contributes to the energy upgrade of the building
- Thermal insulation, antifungal and breathable
- Matte finish
- Reflective (SRI 94%)
- Crack bridging (> 1,5mm)

SurfaPaint™ ThermoDry Exterior

Thermoprotective Acrylic paint
for external use | Water Based



White | Available in
Base P & D



10 - 12 m²/L

Application Surfaces

For exterior masonry & structural surfaces

Packaging:

White: 3L, 10L

Base P: 2.91L, 9.70L

Base D: 2.85L, 9.05L



Characteristics

- Excellent coverage, strong adhesion & elasticity
- Contributes to the energy upgrade of the building
- Thermal insulation, antifungal and breathable
- Matte finish
- Eliminates the thermal bridges
- Easy to wash

SurfaPaint™ ThermoDry Interior

Thermoprotective Acrylic paint
for interior use | Water Based



White | Available in
Base P & D



10 - 12 m²/L

Application Surfaces

For interior masonry & structural surfaces

Packaging:

White: 3L, 10L

Base P: 2.91L, 9.70L

Base D: 2.85L, 9.05L



Characteristics

Interior:

- Reduces indoor air pollutants (smells, smoke, bacteria)
- Gives high whiteness that lasts more because of self-cleaning

Exterior:

- Prevents the growth of microorganisms and bacteria
- Keeps the appearance unchanged for longer thanks to its self-cleaning property

SurfaPaint™ Kirei

Photocatalytic & self-cleaning
acrylic paint for interior / external use
| Water Based



White



10 - 12 m²/L

Application Surfaces

For vertical interior / exterior masonry & structural surfaces

Packaging:

10L





SurfaPaint™ 100% Acrylic Exterior



Ultra white 100% Acrylic paint for external use | Water Based



White | Available in Base P & D



10 - 12 m²/L

Characteristics

- 100% acrylic with long life
- High coverage and whiteness
- Matte finish
- High resistance to pollutants, UV radiation and alkalis

Application Surfaces

For exterior masonry

Packaging:

White: 1L, 3L, 10L

Base P: 2.91L, 9.70L

Base D: 2.85L, 9.05L



SurfaPaint™ Interior



Acrylic paint for interior masonry | Water Based



White | Available in Base P & D



10 - 12 m²/L

Characteristics

- Odorless and environmentally friendly
- High coverage
- With antifungal action, effectively preventing mold growth
- Acrylic based, easy to wash
- Uniform matte finish, covers effectively the imperfections of the wall

Application Surfaces

For interior masonry especially in areas with high humidity, such as bathrooms, basements, kitchens, ceilings

Packaging:

White: 1L, 3L, 10L

Base P: 2.91L, 9.70L

Base D: 2.85L, 9.05L



SurfaPaint™ Aqua X



Acrylic paint of high specifications | Water Based



White | Available in Base P & D



12 - 15 m²/L

Characteristics

- Effective waterproofing of the application surface
- Breathable and easy to wash
- With excellent durability and adhesion
- High coverage
- Satin finish
- Ideal for seaside areas

Application Surfaces

For interior / exterior masonry & structural surfaces

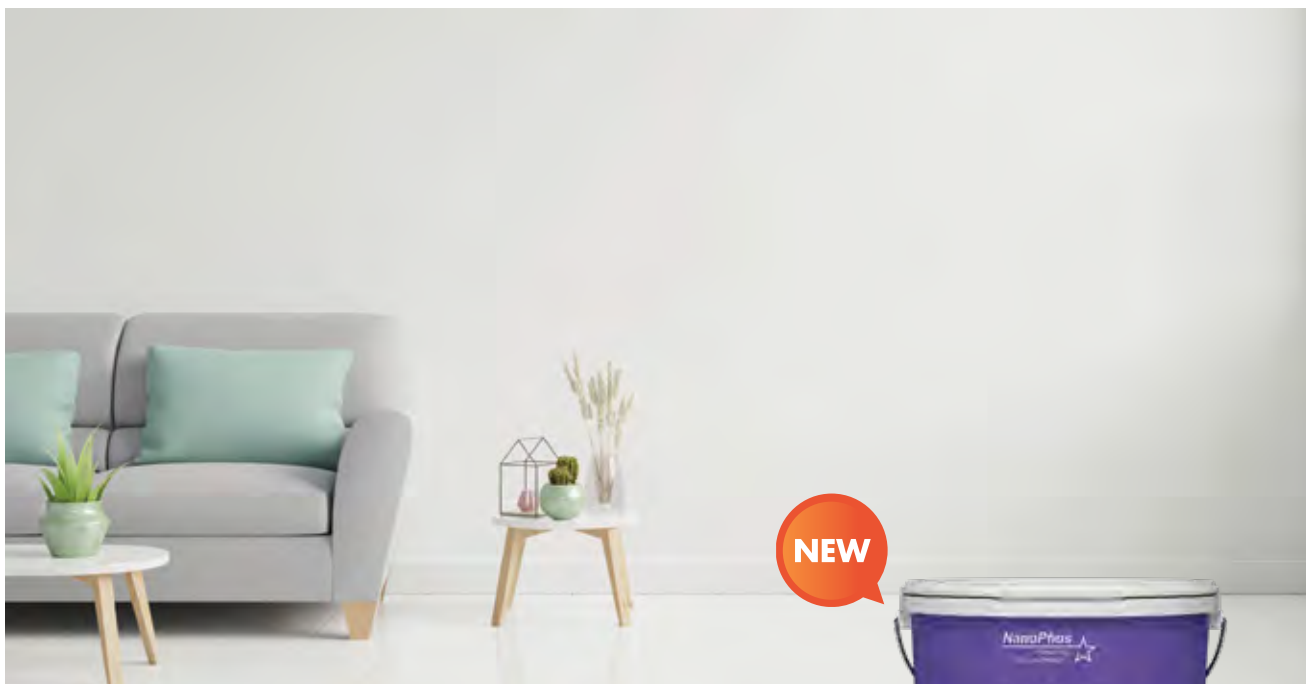
Packaging:

White: 3L, 10L

Base P: 2.91L, 9.70L

Base D: 2.85L, 9.05L





SurfaPaint™ Optima

Acrylic emulsion paint
for indoor use
| Water Based



MAT



Application Surfaces

Ideal for the painting structural interior surfaces, consisting of plaster, concrete, render, plasterboards, pressed cement mortar

Characteristics

- High coverage
- Matt uniform finish
- Easy to apply and spread
- Ideal for frequent freshening



Packaging:
3L, 9L



*Depending on the absorbency of the surface



SurfaPaint™ Supreme

Acrylic emulsion paint
for exterior use
| Water Based



Application Surfaces

Ideal for the painting of vertical or horizontal, structural exterior surfaces, consisting of plaster, concrete, render, plasterboards, pressed cement mortar

Characteristics

- High coverage
- Matt uniform finish
- Easy to apply and spread
- Ideal for frequent freshening



Packaging:
3L, 9L



INSULATION COATINGS

★
STAR
PRODUCT



SurfaPaint™ ThermoDry Elastomeric Roof Hybrid

Thermoprotective hybrid,
elastomeric sealant
I Water Based



Application Surfaces

For cement roofs, asphalt and old waterproofing coatings

Characteristics

- Ultra-white
- Increased elasticity and resistance to extremes weather conditions
- Capillary crack coverage (up to 1.5mm)
- Contributes to the energy upgrade of the building
- Maintains whiteness and reflectivity properties for a long time
- Use the same product as a diluted primer, up to 50% on cementitious surfaces

Packaging:
3L, 10L

Application tips:

With a suitable primer, it can be applied to other types of surfaces I
Using SurfaShield™ C maintains reflectivity for an even longer period of time



*Depending on the absorbency of the surface



SurfaPaint™ Hellas Cool White

**100% acrylic fiber reinforced,
elastomeric sealant**
| Water Based



Application Surfaces

For terraces, cement slabs and asphalt membranes

Characteristics

- Great elasticity thanks to the fiberglass and its high specification elastomeric resin
- Increased whiteness and reflectivity
- Resistance to extreme weather conditions and temperature range
- Fiber-reinforced - high coverage capacity capillary cracks



Packaging:
10L

Application tips:
With a suitable primer, it can be applied to other types of surfaces





SurfaDur™ R ThermoDry

Solventless (100% Solids), Polyaspartic Elastomeric Roof Coating with combined reduced thermal conductivity, heat reflectance properties and extended working time properties for liquid membrane applications

NEW



White

Packaging:
5L (A+B), 20L (A+B)

Application Surface

Highly recommended for waterproofing and protecting exposed concrete roofs, cement slabs, mosaics cement screed, rooftops, parapets, existing TPO, EPDM or bituminous roofing systems, bituminous membranes, metal (anodized, stainless, steel or aluminum) roofs, but also on previously applied acrylic, PU-acrylic hybrids and 1k- or 2k polyurethane based coatings

Characteristics

- Liquid Applied Membrane (LAM) coating formulation with extraordinary resistance to weathering in the harsh cold (freezing or icing) to harsh hot (desert, UV intense) conditions.
- Extended working time: (45min at 25°C – 77°F) for easy application.
- Fast curing (<24h) for time-sensitive delivery of projects.
- 100% solids LAM coating formulation.
- Low roughness for minimum dirt pick-up and long-term heat reflectance performance.
- Applicability on existing TPO, EPDM or bitumen-roll membranes (priming with SurfaMix™ Epoxy WB is strongly advised for certain cases).
- Thermal insulating properties, based on low density and low thermal conductivity combined with high Solar Reflectance Index (SRI = 114).

Application tips:

Strongly advised the use of SurfaMix™ Epoxy Primer WB as a surface primer for ideal adhesion



Mixing ratio
A:B - 1.50:1



*Depending on the texture and absorbency of the surface



SurfaDur™ F Floor

Solventless (100% Solids), self-levelling, Polyaspartic Elastomeric Floor Coating formulation for fast turn-around project delivery and high resistance to weathering or UV radiation

NEW



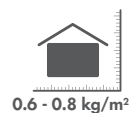
Packaging:
5kg (A+B), 20kg (A+B)

Application Surface

Highly recommended for heavy-duty traffic deck systems (ramps, car parks, parking areas), pedestrian walkways, roof decks, and industrial floors. Ideal also for cold stores, laboratories, hospitals, food and beverage plants, kitchens, computer and IT facilities, dairies, warehouses, factories, and hangars

Characteristics

- Self-levelling and ease of application.
- Extended working time: (45min at 25°C – 77°F) for easy application.
- Fast curing (<24h) for time-sensitive delivery of projects.
- 100% solids coating formulation.
- Low roughness for minimum dirt pick-up and long-term UV-stability performance.
- Minimum lifetime expectancy: 15 years @ DFT of 1500µm (59 mils).



Mixing ratio
A:B - 1.50:1



Application tips:

Strongly advised the use of SurfaMix™ Epoxy Primer WB as a surface primer for ideal adhesion



FLOOR EPOXY COATINGS



Mixing Ratio
A:B - 6.75kg : 3.25kg και προσθήκη
20kg SLQ Quartz Sand (> 0.4mm)

SurfaPaint™ SLQ

Self-leveling epoxy coating
with quartz aggregates | Solvent Free



White | Grey 7040
7038 | 7032



1 m²/kg/mm

Application Surfaces

Designed for application on floors of factories, warehouses, department stores, garages, workshops, slaughterhouses, renovation and repair of old floors

Characteristics

- Excellent resistance to chemicals, alkalis, dilute acids and mineral oils
- High mechanical strength
- Anti-slip
- Easy to apply and reduced consumption due to the self-leveling technology

Packaging:

10kg (A+B)



Mixing Ratio
A:B 3:1

SurfaMix™ Epoxy Primer WB

2-component epoxy primer
| Water Based



Transparent



8 - 10 m²/L

Application Surfaces

For fresh cementitious, asphalt substrates and old acrylic or polyurethane coatings

Characteristics

- Odorless and environmentally friendly
- Strong "link" between any substrate and final color
- Fully compatible with all finishes
- Surface dust reduction and surface stabilization

Packaging:

1L (A+B), 3L (A+B), 10L (A+B)



Mixing Ratio
A:B 4:1

SurfaPaint™ Floor Epoxy Primer

2-component Epoxy Primer
I Solvent Based



Transparent



8 - 10 m²/L

Application Surfaces

For industrial indoor floors, garages, workshops, warehouses, department stores

Characteristics

- Strong adhesion to "difficult" surfaces
- Easy application
- Low consumption due to regulated rheology

Packaging:

2.5L (A+B), 5L (A+B), 20L (A+B)



Solvent:
NanoPhos Thinner A



Mixing Ratio
A:B 4:1

SurfaPaint™ Floor Epoxy Enamel

2-component Epoxy Paint
I Solvent Based



White I
Grey 7040
I 7035*



10 - 12 m²/L

Application Surfaces

For application as a final coating in industrial interior floors, garages, workshops, warehouses, department stores

Characteristics

- High resistance against water, chemicals, dilute acids and alkalis
- Resistance to high temperatures differences (-15°C to +70°C)
- Glossy finish
- High mechanical strength

Packaging:

2.5L (A+B), 5L (A+B), 20L (A+B)





SurfaPaint™ Pool Epoxy Primer

**2-components Epoxy
solvent primer
for pools**



Application Surfaces

For application as a bonding primer in swimming pools. Suitable for new swimming pools but also repainting of already painted ones, after proper preparation

Characteristics

- Excellent adhesion to the substrate, especially in concrete
- Strong adhesion to "difficult" surfaces
- Easy application

Packaging:

2.5L (A+B), 5L (A+B), 20L (A+B)



8 - 10 m²/L*



Mixing Ratio
A:B - 4:1



*Depending on the surface absorbency



SurfaPaint™ Pool Epoxy Enamel

**2-components Epoxy
solvent paint
for pools**



Application Surfaces

For application as a bonding primer in swimming pools. Suitable for new swimming pools but also repainting of already painted ones, after proper preparation

Characteristics

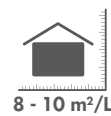
- Increased resistance to sea water, alkalis, chlorination chemicals and sunscreens
- High temperature variations resistance (-15°C to +70°C)
- Glossy finish

Packaging:

2.5L (A+B), 5L (A+B), 20L (A+B)

Solvent:

NanoPhos Thinner A



8 - 10 m²/L



Mixing Ratio
A:B - 4:1



White 9003 | Sandy white 1013
Light blue 5012 | Dark blue 5010
Grey 7040 | Light grey 7044
Beige 1019*



FLOOR PROTECTION & PAINT



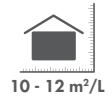
Characteristics

- Based on high quality nanopolymer
- Odorless and environmentally friendly
- High resistance against water, oils, chemical substances and UV radiation
- Helps prevent the accumulation of pollutants, dust & mold
- Does not alter the natural appearance of the stone, does not turn yellow

SurfaPaint™ Stone Varnish Satin / Matte



Acrylic Water Varnish for stone & cement surfaces | Water Based



Application Surfaces

For natural stones (eg Karystos, Pelion) and other porous substrates

Packaging:

1L, 3L, 10L



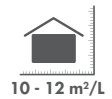
Characteristics

- Excellent adhesion
- High protection of floors from stains, grease, marks from car tires, mild chemicals and UV radiation
- High mechanical strength
- Satin finish
- High impact and abrasion resistance

SurfaPaint™ Acrylic Hard Floor



Acrylic 100% paint of high standards for protection of horizontal surfaces | Water Based

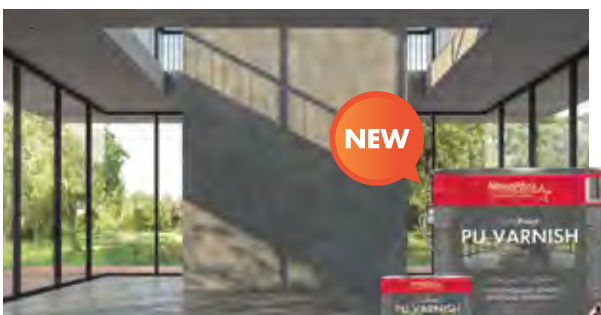


Application Surfaces

For cement surfaces such as tennis and basketball courts, sidewalks, bike paths, yards and garages for household use

Packaging:

3L, 10L



Characteristics

- Offers elasticity and increases the mechanical strengths of the surface
- With increased traction
- Resistance to UV radiation and alkalis, cleaning agents and chemicals
- Colorless and transparent, does not turn yellow over time
- With matte or glossy finish

SurfaPaint™ PU Varnish Gloss / Matte



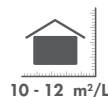
2-component polyurethane varnish for horizontal and vertical surface protection | Solvent Based



Application Surfaces

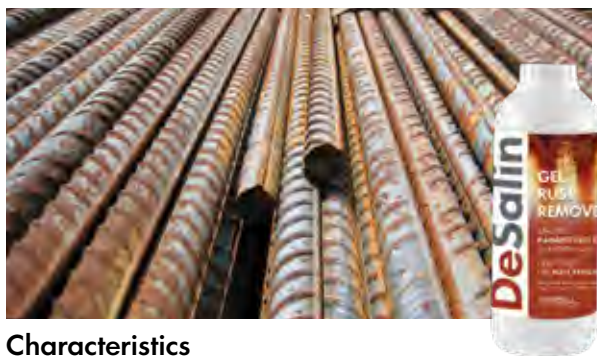
For exterior / interior walls and floors with pedestrian walkability and light vehicle traffic, pressed cement mortar, natural stone, cement slabs and concrete

Packaging: 1kg (A+B), 5kg (A+B), 20kg (A+B)



Mixing Ratio
A:B 5.25:1

METAL ANTI-CORROSION COATINGS & PAINTS



Characteristics

- Uniquely effective composition that inactivates rust while it does not contain hydrochloric acid
- Effectively removes rust, while at the same time prepares the surface for further processing
- Prevents corrosion of metal surfaces
- Eliminates rust stains from cement, tiles and porcelain
- Ideal for corrosion by seawater

DeSalin™ Gel Rust Remover

Rust remover in Gel form
I Water Based



Transparent

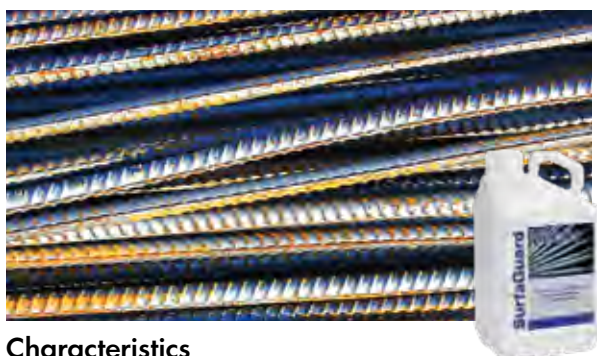


8 - 10 m²/kg

Application Surfaces

Metal Surfaces

Packaging:
1 kg, 5 kg



Characteristics

- Modifies the metal surface, slowing down the formation of rust
- Maintains the shiny appearance of stainless steel
- Does not react with oxygen and others corrosive agents

SurfaGuard Metals

Corrosion inhibitor for metal surface maintenance
I Water Based



Transparent



5 - 8 m²/kg

Application Surfaces

For carbon steel, cast iron, galvanized or stainless steel, aluminum & zinc alloys, steel concrete reinforcement

Packaging:
1 kg, 5 kg, 12 kg

SurfaGuard RCS

Vinyl / Acrylic primer for application on rusty surfaces
I Water Based



Semi-white



8 m²/L

Application Surfaces

For carbon steel, cast iron, galvanized or stainless steel, aluminum & zinc alloys, steel concrete reinforcement

Packaging:
1L, 3L

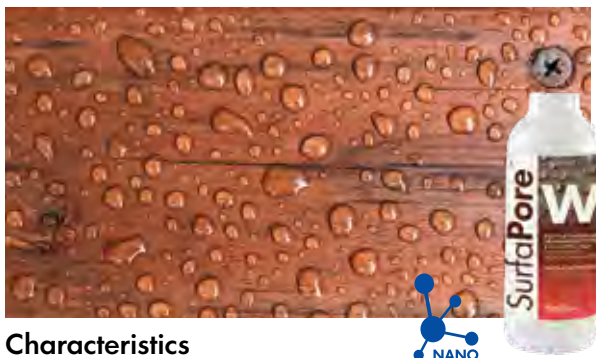


Characteristics

- Converts iron oxides into inert and stable compounds, inactivating rust
- Applies directly to rust and prevents its emergence on the final painted surface
- After hardening, the surface is compatible with all acrylic, epoxy, polyurethane paints



WOOD PROTECTION & PAINT



Characteristics

- Breathable, colorless and odorless
- Does not form a film
- No added biocides
- Deep impregnation, preserving the natural appearance of the wood



SurfaPore™ W

Impregnation solution for waterproofing & oil protection of absorbent wooden surfaces
I Water Based



Transparent



8 - 15 m²/L

Application Surfaces

For garden furniture, pergolas, decks, fences, facades, pillars of wooden roofs

Packaging:

1L, 4L, 10L, 30L



Characteristics

- Excellent waterproofing & oil repellent properties
- Enhance the natural appearance of the wood
- Increased protection against UV radiation thanks to the inhibitory agents it contains

SurfaPaint™ Wood Varnish UV Blocker

High quality polyurethane varnish for protection of wooden surfaces from UV radiation I Water Based



Transparent



10 - 12 m²/L

Application Surfaces

For doors, window frames, paneling, fences, pergolas and any kind of wooden surface

Packaging:

375ml, 750ml, 2.5L,



SurfaPaint™ Wood Stain

Acrylic impregnation varnish for decoration & protection of wooden surfaces
I Water Based



11 different shades



10 - 12 m²/L

- Excellent color ability, highlighting the natural appearance of the wood
- Easy application and fast drying
- Enhance the natural appearance of the wood
- High protection against mold and moisture
- Does not contain biocides

For doors, window frames, paneling, fences, pergolas and any kind of wooden surface

Packaging:

375ml, 750ml, 2.5L,

100 – TRANSPARENT • 101 – CHERRY • 102 – OAK • 103 – WALNUT LIGHT • 104 – WALNUT DARK • 105 – CHESTNUT
106 – MAHOGANY • 107 – GREEN • 108 – BLUE • 109 – WHITE • 110 – GREY • 111 – EBONY



SurfaPaint™ Deck Oil

Impregnation oil for protection & nourishment of wooden surfaces

| Solvent Based Alkyd



Application Surfaces

For garden furniture, pergolas, decks, fences, facades, pillars of wooden roofs

Characteristics

- Nourishment and restoration of natural wood oils
- Protection against moisture, mold, fungi and algae
- Maintains the natural appearance of the wood
- Glossy finish
- Does not affect the grout
- Protection from UV radiation

Packaging:

1L, 2.5L, 5L, 20L



SurfaPaint™ Deck Oil WB Hybrid

Hybrid oil for impregnation of wooden surfaces | Water-based
Acrylic-Polyurethane



Application Surfaces

For application on wooden outdoor surfaces such as decks, wooden floors, terraces, fences, pergolas, furniture, pine wood constructions, iroko, teak etc.

Characteristics

- Protection from UV radiation and other weather conditions
- Increased resistance against water, salts and sunscreen
- Odorless and environmentally friendly
- Preservation and protection of the natural appearance of the wood
- Light satin finish

Packaging:

750ml, 2.5L



PHOTO-CATALYTIC & SELF CLEANING COATINGS

STAR
PRODUCT



5 GAIA
AWARDS
2010
FINALIST

SurfaShield™ C

Photocatalytic, self-cleaning,
nanotechnology coating with antibacterial
properties for porous surfaces



Milky white



8 - 10 m²/L

Application Surfaces

For walls, roughcasts, cement, plasters,
grout, porous rocks & pavement slabs

Characteristics

- Absorbing light, turns surfaces into self-cleaning and antibacterial
- Eliminates organic stains, exhaust fumes, prevents the growth of germs, eliminates odors
- Does not alter the appearance and the texture of the surface
- Prevents the gradual aging of surfaces, while improving the indoor air quality
- Covers and binds the pores of the surface

Packaging:

1L, 4L, 10L, 30L - Available upon request

SurfaShield™ Cx

Photocatalytic, self-cleaning,
nanotechnology coating with antibacterial
properties for industrial applications



Milky white



12 - 14 m²/L

Application Surfaces

For porous building materials, such as cementitious, stones,
wall coatings and joints, plasters, porous stones, pavement slabs

Characteristics

- Eliminates organic stains, exhaust fumes, organic pollutants and eliminates odors
- Prevents the growth of germs, bacteria, mold or fungi
- It does not contain dangerous substances and it is environmentally friendly
- For external use

Packaging:

10L, 30L - Available upon request



5 GAIA
AWARDS
2010
FINALIST



SurfaShield™ T

Photocatalytic, self-cleaning, nanotechnology coating with antibacterial properties for marbles



Milky white



4 - 6 m²/L

Application Surfaces

For porous shiny marbles

Characteristics

- Eliminates organic stains, exhaust fumes, organic pollutants and eliminates odors
- Prevents the growth of germs, bacteria, mold or fungi
- It does not contain dangerous substances and it is environmentally friendly
- For external use

Packaging:

10L, 30L - Available upon request



SurfaPaint™ Kirei



Photocatalytic & self-cleaning acrylic paint for interior / external use
I Water Based



White



10 - 12 m²/L

Application Surfaces

For vertical interior / exterior masonry & structural surfaces

Characteristics

Interior:

- Reduces indoor air pollutants (smells, smoke, bacteria)
- Gives high whiteness that lasts more because of self-cleaning

Exterior:

- Prevents the growth of microorganisms and bacteria
- Keeps the appearance unchanged for longer thanks to its self-cleaning property

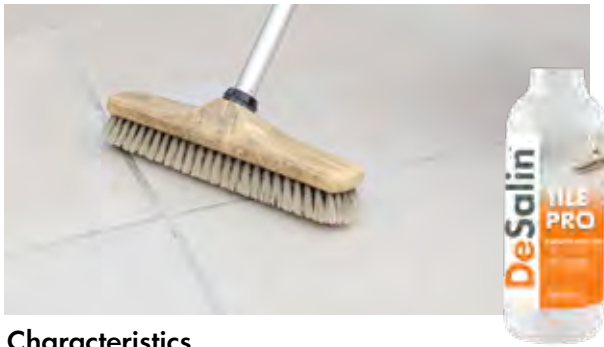


Packaging:

10L



SURFACE CLEANERS



Characteristics

- Ready to use – no dilution needed
- Powerful cleaner, ideal for removing grout cementitious residues
- Does not alter the appearance of the applied surface
- With a sensational lemon scent

DeSalin™ Tile Pro

Cleaner for ceramic tiles
| Water Based



Application Surfaces

All types of ceramic tiles, polished or unpolished

Packaging:
1kg, 4kg



Characteristics

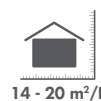
- Ready to use
- Does not remove the glossiness and shine of marbles and granites
- Effectively removes residues from wine, oil etc.
- Restores the appearance of yellowed sensitive surfaces
- Free of acids

DeSalin™ T

Cleaner for low absorbency
polished marbles or granites



Transparent

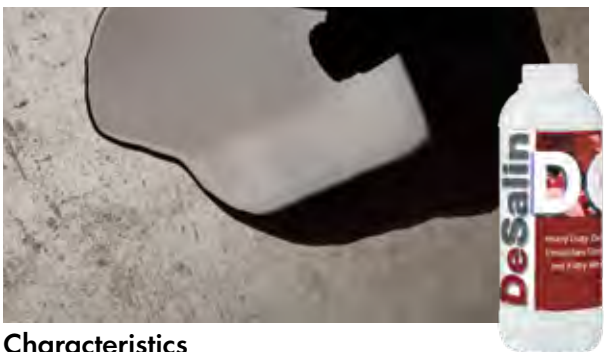


14 - 20 m²/L

Application Surfaces

For polished
marbles or granites

Packaging:
1L



Characteristics

- Biodegradable cleaner - degreaser for effective cleaning of stains from oils, greases etc.
- Water-soluble product - Does not produce acidic by-products
- Does not contain ozone harmful chemicals (class I or II)
- Easy cleaning with water

DeSalin™ DG

Biodegradable cleaning
degreaser



Transparent



4 - 6 m²/L

Application Surfaces

For industrial cement-based floors
& mechanical equipment

Packaging:
1L, 4L



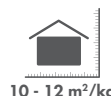
DeSalin™ K

**NEW
FORMULA**

**Powerful cleaner of grout residues
& various stains**



Transparent



10 - 12 m²/kg

Application Surfaces

For durable surfaces such as cement, tiles etc.

Characteristics

- Special, powerful cleaner for removing grout residues of cementitious products after tile installation
- Ideal for removing rust from durable cementitious surfaces
- Diluted in a ratio of 1: 8 to 1: 5
- Not suitable for sensitive surfaces such as marbles

Packaging:

1kg, 4kg, 10kg, 30kg



DeSalin™ C

**Special cleaner for cement
& salt residues**



Transparent



5 - 8 m²/L

Application Surfaces

For building facades, cement slabs, pavement slabs, natural stone surfaces, tiles

Characteristics

- Special cleanser based on concentrated natural organic acid
- Immediate effectiveness
- Removes stains from cement residues and salts
- Does not alter the appearance and texture of the surface
- Diluted in a ratio of 1: 5 to 1: 3

Packaging:

1kg, 4kg, 30kg





Characteristics

- Ready to use – no dilution needed
- Removes dust, fingerprints providing long-lasting shining
- No residues after application
- Anti-static and anti-fogging effect
- Biodegradable formula

DeSalin™ GC

Biodegradable cleaning spray
for glass surfaces
| Water Based



Transparent

Application Surfaces

For windows, mirrors, stainless steel equipment, screens, and plexiglass surfaces

Packaging:
500ml



Characteristics

- Ready to use – no dilution needed
- Removes stains and dirt such as salts, mold and cement residues
- Does not alter the appearance of the applied surface
- With a sensational lemon scent

DeSalin™ Stone Pro

Cleaner for natural stones
| Water Based



Transparent

Application Surfaces

For any type of natural stone

Packaging:
1kg, 4kg



Characteristics

- Ready to use – no dilution needed
- Powerful cleaner, ideal for persistent stains, burnt or dried fats and oils, smut and gas residues.
- Biodegradable formula
- With a sensational lemon scent

DeSalin™ BBQ

Biodegradable cleaning spray
for barbecues
| Water Based

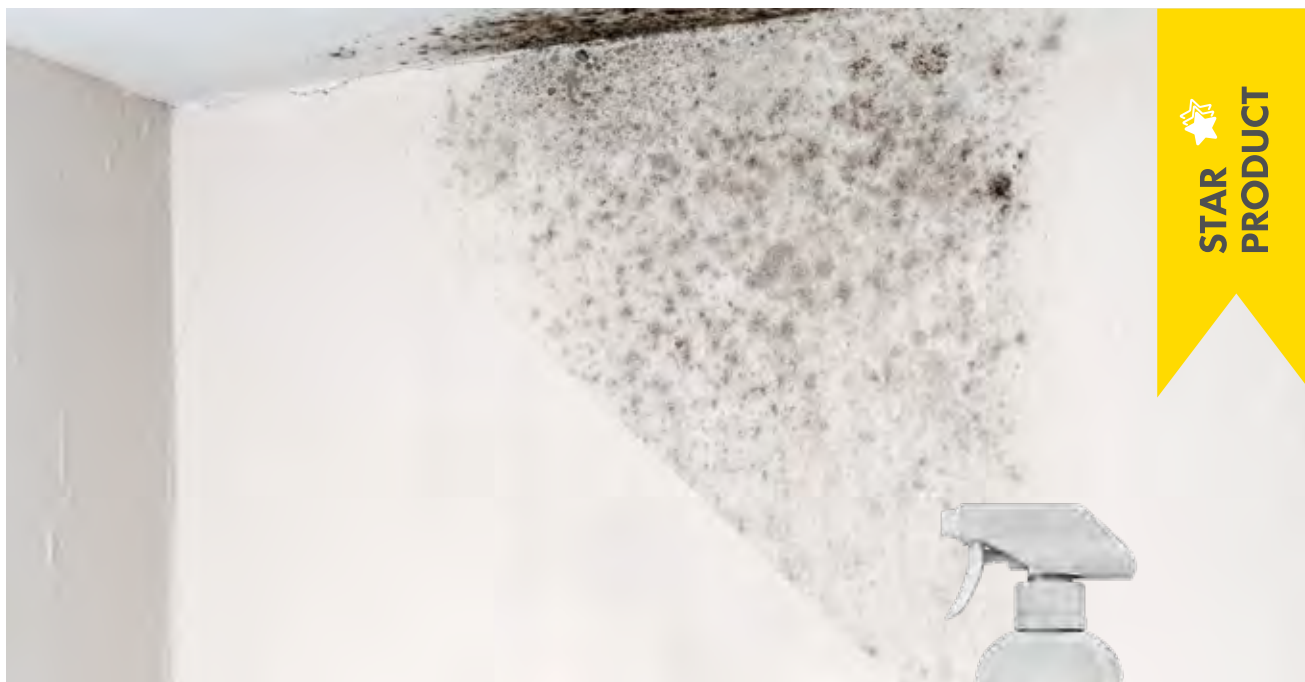


Transparent

Application Surfaces

For BBQs, grills, ovens
and traditional fireplaces

Packaging:
500ml, 4L



DeSalin™ AM

Powerful cleanser against mold & microorganisms

Application Surfaces

For masonry, cementitious surfaces etc.



Transparent

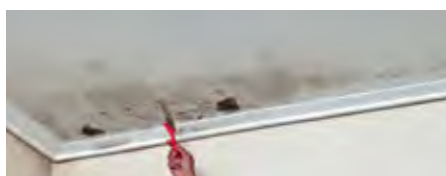


Characteristics

- Unique water-based composition, which prevents and controls the microorganisms growth on the surface
- Eliminates dark spots and prevents their recurrence
- Does not contain chlorine
- Does not alter the appearance and texture of the surface
- Long lasting protection

Packaging:
750ml, 4L

Application in Steps



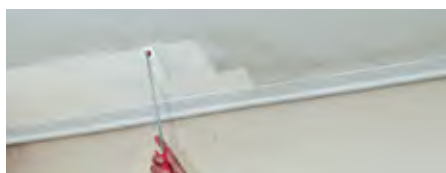
STEP 1

Apply insoluble DeSalin™ AM, with a brush, on the entire surface that shows mold and black spots.



STEP 2

Rub with a sponge and rinse with water, after 14 hours.



STEP 3

Apply a layer and let it dry for 4-6 hours.
For a part of product dilute by adding 4 parts of water.



SPECIALTIES



Thinner A

Solvent for epoxy paint systems



Transparent



3 - 8%
v/v paint

Mixing Products

For epoxy paints & systems

Characteristics

- Easy mixing with any kind of epoxy solvent product
- With a mixture of organic solvents to improve the final drying

Packaging:

1L, 2.5L, 5L, 20L



Thinner B

Solvent for acrylic systems of vinyl
| alkyd | polyurethane paints



Transparent



3 - 8%
v/v paint

Mixing Products

For solvent-based alkyd, acrylic, polyurethane
and vinyl paints or coatings

Characteristics

- Easy mixing with any kind of acrylic vinyl / alkyd / polyurethane solvent product
- With a mixture of organic solvents to improve the final drying

Packaging:

1L, 2.5L, 5L, 20L

**Step 1**

Add **SurfaPore™ AquaDry** to your paint, instead of water, in the indicated proportion

**Step 2**

Turn your wall into waterproof & easy to wash*



SurfaPore™ AquaDry

Special waterproofing additive for water-based colors

| Water Based



Milky white

Mixing Products

For acrylic and plastic water-based paints, interior & exterior masonry

Characteristics

- Waterproofs the masonry, preventing the penetration of moisture
- Offers great color resistance & ease of washing
- Does not alter the color shade
- Minimizes mold & bacterial growth

Packaging: 1L



SurfaMix™ C

Improving resin for mortars & coatings for waterproofing & elasticity

| Water Based



Transparent



5 - 10%
w/w mortar

Mixing Products

Mortars, Coatings

Characteristics

- Improvement of workability and elasticity in cementitious mixtures
- Enhance the adhesion and waterproofing of the mortar
- Improvement of mechanical strength
- Acrylic composition

Packaging:
1kg, 4kg, 10kg, 20kg



CEMENTITIOUS PRODUCTS



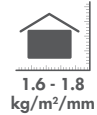
Packaging:

White: 5kg, 25kg

Grey: 5kg, 25kg

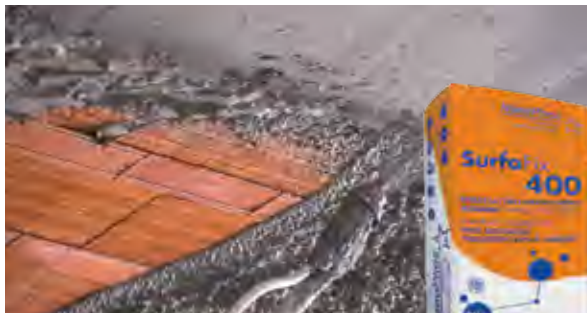
SurfaFix™ 200

High performance finish repair mortar



Characteristics

- One-component, high-strength cement mortar, modified with polymers for indoor & outdoor use
- Easy application on horizontal and vertical surfaces (beams, columns, balconies, parapets, etc.)
- Minimizes the risk of cracks
- Non-shrinking
- Waterproof and weather resistant

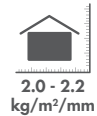


Packaging:

Grey: 5kg, 25kg

SurfaFix™ 400

High performance repair thixotropic reinforced concrete mortar



Characteristics

- One-component, repair thixotropic fiber reinforced cementitious mortar
- Modified with polymers, suitable for use as a material for repair and restoration of concrete structures and thick mortars
- Easy application on horizontal and vertical surfaces
- Specially designed for applications under slabs and structural components
- Non-shrinking



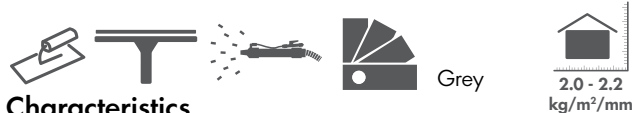
Packaging:

5mm - 15mm: 25kg

15mm - 40mm: 25kg

SurfaFix™ Level

High performance levelling mortar for industrial floors



Characteristics

- Easily applied
- Ensures bond strength and superior adhesion
- Gives very fine finishing with superior workability
- Non-shrinking and non-sagging
- Ideal for floor smoothing and leveling from 5 - 15mm & 15 - 40mm



Packaging:
Grey: 5kg, 25kg

SurfaDry™ X

High performance cementitious waterproofing mortar



Characteristics

- For sealing surfaces of concrete, cement mortar or brick
- Excellent adhesion to thermal insulation boards (EPS, XPS stone wool) and metal surface
- Easily applied
- Eliminates the risk of cracking
- Waterproof and resistant to weather conditions
- Designed for potable watertanks, basements and foundations
- Non-shrinking and non-sagging



Packaging:
White: 14kg (A+B), 35kg (A+B)
Grey: 14kg (A+B), 35kg (A+B)



SurfaDry™ X Elastic

High performance flexible cementitious waterproofing mortar



Characteristics

- Easily applied
- Eliminates the risk of cracking
- Waterproof and resistant to weather conditions
- Extremely good adhesion to various substrates
- Protects from positive or negative hydrostatic pressures
- Outstanding solar reflectance and resistance to UV radiation
- Designed to accommodate good crack bridging qualities even after long term water immersion.



Packaging:
White: 5kg, 25kg

SurfaCret™ Fino

High performance rendering and plastering mortar



Characteristics

- Easy cleaning of surfaces with minimal friction and without solvents
- Increased resistance to recleaning (3-5 depending on surface absorbency)
- Excellent stability to UV radiation
- Easy application
- Does not alter the physical appearance of the surface



SURFACE DISINFECTANTS | ANTIMICROBIAL COATINGS | HAND ANTISEPTICS



STAR
PRODUCT

Approved by the
HELLENIC ORGANIZATION
of MEDICINES

DeSalin™ Eco

**Biodegradable Cleaner
& Disinfectant**

For All Surfaces

Characteristics

- Special nano-driven formulation with active ingredients, which offers disinfection on all surfaces
- Ideal for everyday use
- Provides antimicrobial protection
- Contains special engineered surfactants for removal of any fatty, greasy, oily deposits
- Ideal for domestic or professional use
- Leaves a sensational lemon scent

Packaging:

100ml, 750ml, 3L

Tested according to:

EN 1276, EN 13697+A1, EN 1650



Approved by the
HELLENIC ORGANIZATION
of MEDICINES

DeSalin™ Mas

**Concentrated
Disinfectant**

With Nebulization

Application Surfaces

For ULV or electrostatic foggers in apartments, offices, shops, hotels and areas of health interest

Characteristics

- Compatible with both Ultra Low Volume (ULV) and Electrostatic spraying fogging devices
- Concentrate formula (10x dilutable) for use efficiency

Packaging:

3L, 10L

Tested according to:

EN 1276, EN 13697+A1



DeSalin™ Lime

Concentrated Cleaner & Disinfectant

Approved by the
HELLENIC ORGANIZATION
of MEDICINES

For Hard Floor Surfaces

Application Surfaces

Ideal for marble, tiles and mosaics

Packaging:

1L, 3L

Tested according to:

EN 1276

Characteristics

- Special nano-driven formulation with active ingredients, which offers hygiene and cleanliness on all surfaces
- Ideal for everyday use
- Protects and disinfects hard floor surfaces preserving their original appearance
- Leaves a sensational lemon scent
- Concentrated composition that is diluted up to 10 times for efficiency in use



DeSalin™ AirClean

Biodegradable Cleaner & Disinfectant

Approved by the
HELLENIC ORGANIZATION
of MEDICINES

For Air Conditioning Units

Application Surfaces

Ideal for indoor and outdoor units, filters, ducts
HVAC, condensers, evaporators, valves, coolers

Packaging:

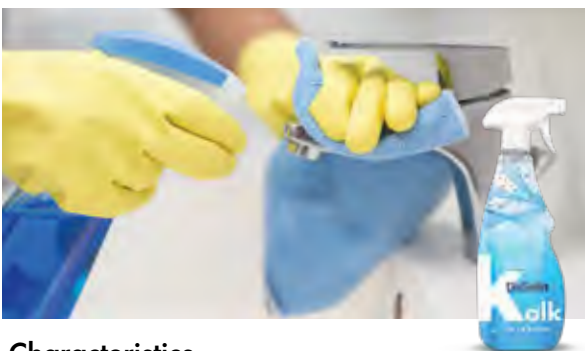
750ml, 3L

Tested according to:

EN 1276, EN 13697+A1

Characteristics

- Special nano-driven formulation with active ingredients, that offers disinfection in air conditioning units
- Formulated for long term protection against microbes
- Direct application to metal surfaces due to non corrosive composition
- Improves air quality
- Eliminates odors



DeSalin™ Kalk

Powerful Cleaner & Disinfectant

Approved by the
HELLENIC ORGANIZATION
of MEDICINES

Descaler

Application Surfaces

Ideal for sinks, bathtubs, acrylic & glass surfaces, tiles,

Packaging:

750ml, 3L

Tested according to:

EN 1276, EN 13697+A1

Characteristics

- Contains combined, broad range antimicrobial and disinfecting agents for deep descaling and cleaning
- Removes all limescale, soapscum and watermarks
- Tough grease and grime cleaning
- Leaves a sensational lemon scent





SurfaShield™ MBC

Photocatalytic coating
for long-lasting
hygienic protection

Acts against microbes

Unique formulation, based on a suspension
of titanium dioxide nanoparticles,
which retain photocatalytic properties

Application Surfaces

Screens, ATMs, lift call buttons, control surfaces,
button boards, cases, masonry, painted walls, inox,
knobs, rails, wall guards, trolleys, keys, phone cases,
furniture, textiles



SurfaShield™ MBS

Suspension of titanium dioxide nanoparticles,
enhanced with Silver Nitrate for **immediate action**
against viruses and bacteria

Packaging:

1L, 3L

Tested according to:

EN 1276



SteraClean

75% Alcoholic Antiseptic Hand Gel

Approved by the
**HELLENIC ORGANIZATION
of MEDICINES**



Characteristics

- Instant cleaning & immediate antimicrobial protection wherever you are
- Suitable for domestic and professional use
- Practical packaging for daily frequent use

Packaging:

100ml, 500ml, 1L, 3L

Available upon request





INDEX OF SYMBOLS



Mixing Ratio



Consumption | Spreading Rate



Colour Shades



Dilution



Hard Brush



Toothed Trowel



Cloth



Broom



Application Thickness
Per Layer



Brush



Airless Pistol



Mortar Pistol



squeegee



Roller



Trowel



Nanotechnology Formulation



Low Volatile
Organic compounds





NanoPhos products are studied, developed and produced in Greece,
with exports to over 40 countries worldwide



500ml packages are available in 12-piece cartons.
750ml & 1L / kg packages are available in 6-piece cartons.
3L / kg , 4L / kg & 5L / kg packages are available in 4-piece cartons.

All our products can be sold in larger packages than the listed ones.
For more information, please contact the sales department.

In order to avoid any incompatibility of NanoPhos SA products with sensitive or specially textured surfaces, it is recommended, before the final application, the trial use of the product on a small part of the surface. NanoPhos SA is not responsible for incompatible use of its products, as well as for accidental or intentional damages that may arise from their incompatible use. NanoPhos SA products are not intended for, used or tested for medical or pharmaceutical use in humans or animals.



NanoPhos Marine

For **innovative** solutions
in the field of
shipping & industry



FORSEAING THE COATINGS' FUTURE



Find Us:



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