



NanoTech

UK distributor for:

SurfaPore DeSalin SurfaShield

Total Protection against water, moisture & stains
without altering surface texture or colour



***Surface Cleaning and Restoration,
Water Proofing & Protection Solutions***



www.nanotech solutions .uk .com

SurfaPore C



Nanotechnology for cement surfaces, mortar, grout, stucco and natural or artificial stones.

SurfaPore™ C is a water-based formulation: mix it with your base materials instead of water or just apply it on existing surfaces. A unique result: an invincible water repellent that shields against moisture, surface cracking, freeze threat and mould. SurfaPore™ C nanoparticles have been specially engineered to deeply penetrate and shield the microscopic pores of cement or stone. While water and moisture are actively repelled, materials retain their ability to "breathe". SurfaPore™ C makes your surfaces moisture-free and therefore hinders mould and mildew growth and eliminates freeze threat.

Surfapore C Advantages

- Suitable for all cement surfaces, mortar, grout, stucco, natural or artificial stone
- It can be used in mortars instead of water
- Prevents humidity surface corrosion, white spots and efflorescence
- Surface cracking protection
- Frost threat protection
- Used in DIY and in the manufacturing of building materials
- Application 8-10m²/litre

Nanotechnology for any clay based surfaces such as roof tiles, cotto and pottery.

SurfaPore™ R protects your clay surfaces from water penetration. Ceramics and roof tiles are effectively protected from deterioration and from the "unsightly greening" of mould growth. Preserves the aesthetics of your clay surfaces while protecting them against water and ageing. SurfaPore™ R has been formulated to blend with the surface properties of clay based materials. After applying SurfaPore™ R, your clay surfaces repel water and can remain dry after the heaviest rain. Put an end to organic growth on your roof tiles and to the gradual deterioration of your favourite, clay based surfaces.

Surfapore R Advantages

- Suitable for all clay-based surfaces, bricks, ceramic roof tiles, floor & wall tiles, clay tiles and pottery
- Prevents wet surface deterioration.
- Prevents humidity surface corrosion, white spots and efflorescence
- Frost threat protection
- Used in DIY and in the manufacturing of building materials
- Application 9-11 m²/litre

SurfaPore R



MAIN ADVANTAGES OF ALL SURFAPORE PRODUCTS

Superior products of Nanotechnology
 Actively repel water
 Water based solutions
 Non hazardous
 Materials retain their ability to breathe
 No change in surface colour, appearance, texture or essence
 Long term solution
 Tested under accelerated ageing, salt, acid rain & ultraviolet radiation
 Shields against moisture
 Easy application by brush or spray
 Internal and external applications
 Excellent protection against further deterioration after restoration
 Best waterproof solution on new build construction
 Low volatile Organic Carbon content
 Environmentally friendly solution
 An award winning Product Line
 A cost effective solution

SurfaPore T



Nanotechnology for protecting marble, granite and porcelain surfaces from staining.

Staining of porcelain tiles, marble and granite can be disastrous for these valuable surfaces. Create an impermeable and invisible shield by blocking even the finest pores of these surfaces. Microscopic analysis of marbles, granite and porcelain tiles surfaces reveals that multiple interconnected pores exist that readily collect stains. Subsequently, these surfaces lose their shine and become discoloured. Cleaning them requires significant effort and some stains are impossible to remove. The application of corrosive chemicals frequently damages your favourite surfaces. SurfaPore™ T can be easily applied on your existing or new surfaces and preserve their appearance.

Surfapore T Advantages

- Creates an impermeable and invisible shield
- Blocks even the finest pores of these surfaces
- Suitable for all marbles, granite and porcelain surfaces
- Used in DIY but also in industrial production
- Protects from loss of shine and discolouring
- Application 14-20m²/litre

Water repellent for protecting wooden surfaces. Protect your wooden surfaces from the disastrous effects that water can have without changing the natural look.

SurfaPore W™ provides excellent dimensional stability, even in the most humid environment. Retains breathing ability. Stains or varnishes can be applied on top of SurfaPore W™. The more absorbant the surface, the better the results. Very versatile and easy to apply, it does not contain insecticides or preservatives, but the active dehydration of the core of the wood, makes it resistant to deterioration.

Surfapore W Advantages

- Creates an impermeable and invisible shield
- Blocks even the finest pores of these surfaces
- Suitable for all wooden surfaces
- Prevents cracking and warping
- Used in DIY but also in industrial production
- Application 6-8m²/litre

SurfaPore W



Available in 1L bottles & 4L canisters for DIY.
 Larger Quantities available for applications at manufacturing process.
 For restoration of Surfaces before Protection see DeSalin Cleaning & Restoration line brochure.

SurfaPore™ Frequently Asked Questions

1

Does SurfaPore™ alter the appearance of my surface?

The final product cannot be distinguished from an unmodified product; there are no effects on the mechanical, optical or thermal properties of the underlying surface. The modified surfaces retain their original ability to “breathe”.

2

Are SurfaPore™ formulations safe?

SurfaPore™ formulations are perfectly safe! Compared to commonly available products that use hazardous and toxic solvents, SurfaPore™ active ingredients are suspended in deionized water. Even though the active ingredients may be abundant in the environment, it is nanotechnology that shapes molecules to become functional for your benefit! These formulations respect both the customer and environment.

3

Do SurfaPore™ formulations work permanently?

SurfaPore™ treated surfaces do not need maintenance or any other intervention. They are resistant to chemical attacks (ISO EN 10545-13) and stains (ISO EN 10545-14). SurfaPore™ treated surfaces have been thoroughly and successfully tested under accelerated ageing, salt, acid rain and ultraviolet radiation.

4

How can I place SurfaPore™ formulations on my surfaces?

SurfaPore™ products are water-based formulations that are easily applied on existing surfaces by spraying or simple brushing! No heating, treating or other labour intensive processes are required. SurfaPore™ formulations are transparent or milky-white, chemically inert and perfectly occlude pores. Average application: 8m² per liter.

5

Does it contain pharmaceuticals or harmful reagents?

SurfaPore™ formulations do not contain any harmful reagents to deal with mould and mildew and are totally water based. They actively repel water and therefore do not create a favourable environment for fungi and microorganisms, starving them of their most essential nutrient: water!



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