

Nanotec-USA  
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## NanoBionics PG

### Nanobionic-impregnation for concrete and natural stone



NanoBionics PG is a nanobionic special high-capacity coating, water-based, for concrete and natural stones. The product molecules conjoins directly to the material surface and considerably improves it's soil-resisting effect. As to be seen in the plant kingdom, water and dirt simply roll off after a rain. No development of moss and algae. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax. Scope of application: gateways, walls, stairs, garden plates etc.

- \* Easy to Clean
- \* Water-repellent
- \* Moss and algae repelling
- \* Protection against environment influences
- \* UV stable
- \* Soil-resisting
- \* Brighter optics

## NanoBionics PG-S4 (highest grade)

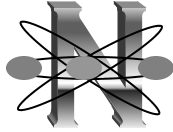
### Nanobionic protective treatment for concrete and natural stones

NanoBionics PG-S4 is a new development, it is a nanobionic special high-capacity coating, water-based, for concrete and natural stones. Product's molecules conjoins directly to the material surface and improves it remarkably in it's soil-resisting effect. Quantity of nano particles is higher in this product. As to be seen in the plant kingdom, water and dirt will simply roll off. Development of moss and algae will be avoided. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax.

**Scope of application:** sandstone, concrete, natural stone etc

- \* Easy to Clean
- \* Water-repellent
- \* Moss and algae repelling
- \* Protection against environment influences
- \* Soil-resisting
- \* UV stable
- \* Ameliorated optics





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### NanoBionics PG-F (Oleophobic and high grade)



Nanobionic-high-capacity protection for concrete and natural stones

NanoBionics PG Forte is a new development, it is a nanobionic special high-capacity coating, water-based, for concrete and natural stones. The product's molecules conjoins directly to the material surface and considerably improves it in its soil-resisting effect. Product's special protective function is based on a remarkably higher quantity of nano particles. As to be seen in the plant kingdom, water and dirt will easily

roll off. Development of moss and algae will be avoided, in the meantime it is blotch-repellent. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax.

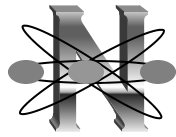
- \* Easy to Clean/self-cleaning
- \* Oleophobe (oil-resistant)
- \* Bionic soil-resisting
- \* Soil-resisting
- \* Ameliorated optics
- \* Protection against environment influences
- \* Water-repellent
- \* Moss and algae repelling
- \* Bionic soil-free
- \* UV stable
- \* Long-term stability

**Scope of application:** stairs, restaurant areas, sand stone, antic walls, important monuments etc

Very high concentration of nano-particles, strength and long term stability.

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### NanoBionics G-XB



#### Nanobionic-protection - water-repellent impregnation for concrete

The ultra-thin high-capacity impregnation for concrete and particles of facades, based on nanobionic, conjoins directly to the molecules of concrete and ameliorates the surface in it's soil-resisting effect. Like in the plant kingdom after a rain water and dirt will roll off. Development of moss and algae will be avoided. Product is free from acrylic, silicone, fluorocarbons, siloxane and wax.



- \* Easy to Clean
- \* Moss and algae repelling
- \* Soil-resisting
- \* Ameliorated optics
- \* Protection against environment influences
- \* Water-repellent
- \* Bionic soil-resisting
- \* UV stable
- \* Long-term stability

**Scope of application:** industry halls, shopping centers, office and commercial buildings, bridges, stadiums etc

### NanoBionics G-FX



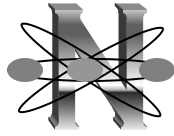
#### Nanobionic-hydrophobisation for mineral facades/ water-repellent impregnation

The long lasting high-capacity impregnation of facades based is based on water and conjoins directly to the material molecules. The result is a transparent, invisible and breathable protection on the façade with a high durability. Our product causes a soil-resisting effect, so the optics of the facade will be maintained as good as new. It is no more necessary to renovate the facade more often. This is a considerable economization factor. Simple spraying on will facilitate the application of the product. Like in the plant kingdom after a rain water and dirt will roll off. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax.



- \* Easy to Clean
- \* Moss and algae repelling
- \* UV stable
- \* Long-term stability
- \* Protection against environment influences
- \* Water-repellent
- \* Soil-resisting
- \* Ameliorated optics

**Scope of application:** facades of buildings, houses, mineral surfaces



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### NanoBionics G-FX F



#### Nanobionic high-capacity protection for mineral facades

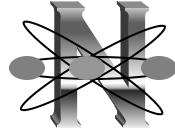
The durable high-capacity façade impregnation is water-based and conjoins directly to the material molecules. A transparent, invisible, breathable and long lasting protection is the effect to the facades. The original façade's optic will be maintained by the soil-resisting effect of our product for a long time.

A renovation of the façade is not necessary as often as before caused by the long-life cycle of the coating. This implies also a cost savings effect. The special product's protective function is based on a considerably higher quantity of nano particles. Simple spraying on will facilitate application of the product. Like in the plant kingdom after a rain water and dirt will roll off. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax.



- \* Easy to Clean
- \* Oleophobe (oil-resistant)
- \* Bionic soil-resisting
- \* Soil-resisting
- \* Ameliorated optics
- \* Protection against environment influences
- \* Water-repellent
- \* Moss and algae repelling
- \* Bionic soil-free
- \* UV stable
- \* Long-term stability

**Scope of application:** buildings with mineral facades.



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### NanoBionics ES F



#### Nanobionic protection for floor tiles

The special high-capacity coating for glazed floor tiles is based on nanobionic. It conjoins directly to the material molecules and improves considerably the surface in its soil-resisting effect. Floor tiles will be easier maintained and cleaned. Water and dirt cannot adhere any more at the tile's surface. The floor tiles will keep its beautiful brilliance and will be protected against spotting. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax.



- \* Easy to Clean
- \* Oleophobe (oil-resistant)
- \* Bionic soil-resisting
- \* Soil-resisting
- \* Ameliorated optics
- \* Protection against environment influences
- \* Water-repellent
- \* Moss and algae repelling
- \* Bionic soil-free
- \* UV stable
- \* Long-term stability

**Scope of application:** glazed floor tiles

### NanoBionics MG F



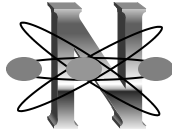
#### Nanobionic-protection for marble and granite

NanoBionics MG F is a nanobionic high-capacity coating for marble and granite, the product conjoins directly to the material molecules and improves remarkably the surface in its soil-resisting effect. Like in the plant kingdom after a rain water and dirt will roll off. No spotting any more. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax.

- \* Easy to Clean
- \* Oleophobe (oil-resistant)
- \* Bionic soil-resisting
- \* Soil-resisting
- \* Ameliorated optics
- \* Protection against environment influences
- \* Water-repellent
- \* Moss and algae repelling
- \* Bionic soil-free
- \* UV stable
- \* Long-term stability

**Scope of application:** marble and granite





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## NanoBionics Plastic Guard-P



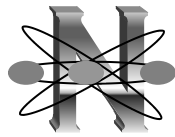
### Nanobionic-high capacity protection for plastics

Nanotec-USA Plastic Guard-P is an ultra-thin nanobionic high-capacity coating for plastics. Product conjoins directly to the material molecule and remarkably improves the surface in its soil-resisting effect. A transparent, invisible, breathable and durable protection for the plastic surface will be the result. The original optics of the plastic will be maintained by the soil-resisting effect of our product. The product's special protective function is based on a considerably higher quantity of nano particles. Like in the plant kingdom after a rain water and dirt will roll off the plastic. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax.



- water-repellent
- Easy to Clean
- Bionic resistance of dirt
- Bionic rejection of water
- Protection against environmental influences
- Increased stability of brilliance
- Protection against light scratches
- Approved for use near foods
- Temperature resistant up to 260C° (500F)
- Better optics
- Oleophobe (oil- and color-repellent)
- Stable for use of cleaners and disinfectants
- Makes cleaning easier and take less time
- Resistant under ultra violet light
- Improves-enhances optics
- Long-term stability

**Scope of application:** Polycarbonate, acrylic, plexi-glass and other plastics not sensitive to ethanol alcohol.



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### NanoBionics AF-P

#### Nanobionic-protective treatment for aluminum parts and facades

Product is an ultra-thin high-capacity aluminum coating on the basis of nanobionic. It conjoins directly to the material molecule whereby the surface's soil-resisting effect will be considerably improved. The special product's protective function is based on a considerably higher quantity of nano particles. Like in the plant kingdom after a rain water and dirt will roll off the plastic. Product is free from acrylic, silicone, fluorocarbon, siloxane and wax.



- Easy to Clean
- water-repellent
- bionic soil-resisting
- brilliance maintenance of aluminium
- aluminum pores remain dirt free
- increased stability from oxidation
- protection against environmental influences
- simple to clean
- reduction of washing cycles
- resistant under ultra violet light
- better optics
- long-term stability



**Scope of application:** aluminum parts, aluminum facades, anodized aluminum frames, etc

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### NanoBionics GC-P

#### Treatment with NanoBionics GC-P

NanoBionics GC-P is a special, ultra-thin, high-performance, long-term action nanobionic coating for glass substrates. The NanoBionics GC-P has a higher concentration of Nano-particles than our GC commercial grade product. The product bonds directly with the material molecules, and improves the dirt repellence of the glass. It features unique surface functionality and is super hydrophobic. Rain beads off, like in the plant kingdom, carrying dirt away with it, and preventing buildups of lime, salt, calcium and dirt etc., thereby substantially reducing cleaning requirements. NanoBionics GC-P is free of silicones, siloxanes, waxes, polymers, Teflon and oils.



- economically priced
- water resistant (hydrophobic)
- prevents and repels organic (insects etc.) and inorganic pollution, like salt, calcium, minerals, dust, sand, ferric oxide, industry contamination etc.
- extremely thin (3-4 nanometer) and invisible
- preserves primarily aesthetic of treated glass material
- based on natural processes, free from hazardous pollutants
- bionic Self-cleaning and Easy-to-clean
- clear view during rain
- bionic resistance and prevention from dirt
- significantly reduces cleaning and maintenance costs, reduces wash frequency and easy-to-clean
- increases and improves brightness and brilliancy
- pores remain dirt-free
- protection from environmental factors
- ice and snow repellent

NanoBionics GC-P was tested against all available glass protection products worldwide on the 30<sup>th</sup> floor of a high-rise building. NanoBionics GC-P proved to be the only product to provide perfect protection from dirt for the glass surfaces of tall buildings.

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