

# NANO COATING

## NANO SYSTEM PSL



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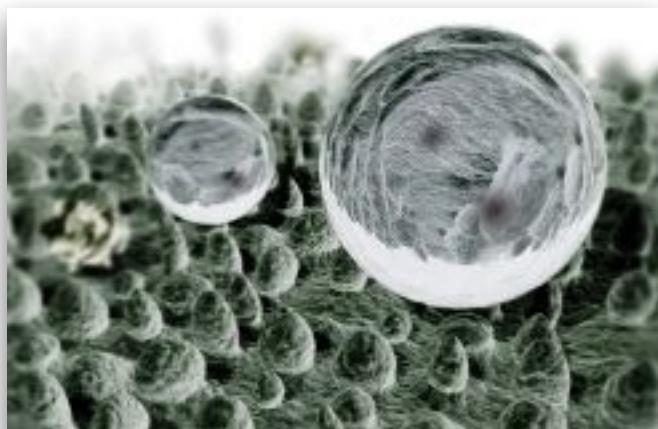


FOR THE USE ON > STAINLESS STEEL, PAINTED METAL SURFACES,  
PLASTIC, PLEXIGLAS, LACQUERED SURFACES



WATER DROPLET FALLING OFF A PLASTIC SURFACE PROTECTED BY NANOTECHNOLOGY

**FEATURES:** Strong and oleophobic and hydrophobic properties, creating the effect of non-sticky surface with the characteristics of easy cleaning. Nano layers are invisible to the naked eye, UV stable and chemically resistant to the PH13. Thermal resistance is expressed to 450 ° C. Nano System PSL is resistant to abrasion and safe in contact with foodstuffs (completely inert after 24 hours).



### BENEFITS:

- Water repellent with lotus effect
- Colourless (optically neutral)
- Less cleaning effort and much better cleanability
- Breathable
- Hygienic cleanliness
- Protects the environment

**CONSUMPTION:** 5-10ml / m<sup>2</sup>

**LASTING NANO PROTECTION :** 1-3 years, depending on frequency of cleaning cycles

# NANOTECHNOLOGY

## HYDROPHOBIC AND OLEOPHOBIC



NANO PROTECTED PLASTIC

### ADVANTAGES

- Do not affect the external appearance of the material (thickness: 100-150 nm)
- A strong hydrophobic and oleophobic properties
- Nano coating is formed and fully stabilized at ambient temperature without additional energy or using UV light
- Resistance to washing under high pressure (50-60 bar)
- Excellent efficiency with low fuel consumption
- Without influence to the existing background color
- Resistance to high temperature
- Full resistance to frost and cold



**APPLICATION:** Thorough clean the surface from grease, dust and dirt. Use cleaning products that leave no residues after use. In a well-cleaned surface in a circular motion, moistened cotton swab, apply the product. After a few minutes of drying, use second dry cotton or microfiber cloth to lightly polish the surface until the traces of nano layers are completely removed. Formed nano structures are fully stable after 24 hours. After this time, the treated surfaces can be tested for their effects of superhydrophobic, anti-sticky and easy cleaning effect.

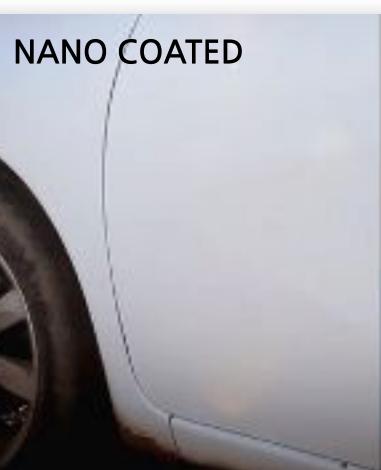


EASY TO APPLY

Spray and wait for 24h



DIRT BOUNCING OFF HYDROPHOBIC NANO COATED MATERIAL





METAL SURFACE



LACQUERED SURFACES

