



NanoMatik
Creates Intelligent Surfaces

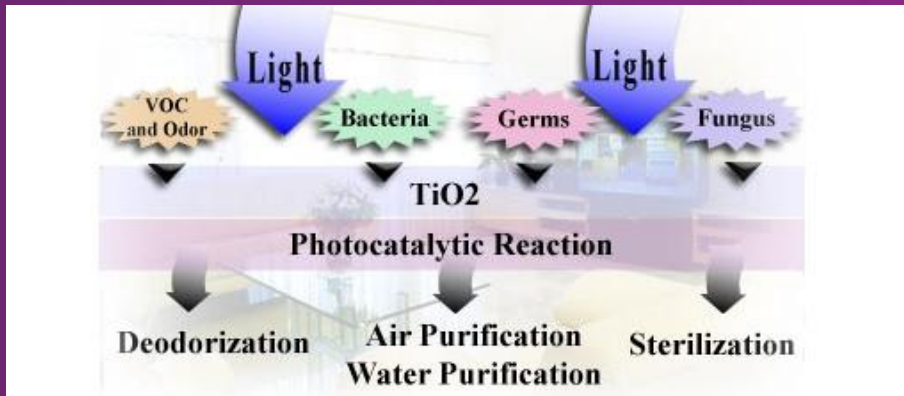
The only photocatalytic coating in the market to provide 100% environmentally friendly application.

“Self-Cleaning” Top Coating Technology for a Greener Environment

Nanomatik has a water based formula and can be applied on different sorts of surfaces such as ceramics, granite, concrete and glass. It destroys all kinds of organic contamination on the external surfaces that stems from air pollution, algae&mold formation. It also contributes to the Greener World mission by eliminating the VOCs that are present in the air.

Nanomatik is a nanotechnological top coating system that creates self-cleaning surfaces. This novel technology depends on the photocatalytic feature of TiO_2 nanocoating. When photocatalyst (TiO_2) is exposed to light in the presence of water vapor, two highly reactive substances are formed: hydroxyl radicals [$\cdot OH$] and a superoxide anion [$O_2^{\cdot -}$]. It allows the oxidation of airborne VOCs and toxic organic matter into CO_2 and water at RT with UV or near-UV light source. It does not need a special energy and use only clean energy in ordinary life. Specific titanium dioxide has strong photo catalyst reaction. It has strong oxidation and decomposition strength.

10 YEARS OF WARRANTY!
powered by
NANOTECHNOLOGY



Photocatalyst has the following advantages over the alternative technologies:

- Real destruction of pollutant rather than a simple transfer on a substrate ,
- Degradation of pollutant at ambient temperature and pressure ,
- Applied by well-known, user-friendly techniques (HVLP, dip coating, etc.),
- Economical, cheap and low energy consumption ,
- Adapted for a large range of pollutant (VOC, bacteria, mold),
- Manufacture integration on a large range of final products is also possible.



sampas nanotechnology®
ultimate source for nanotech solutions

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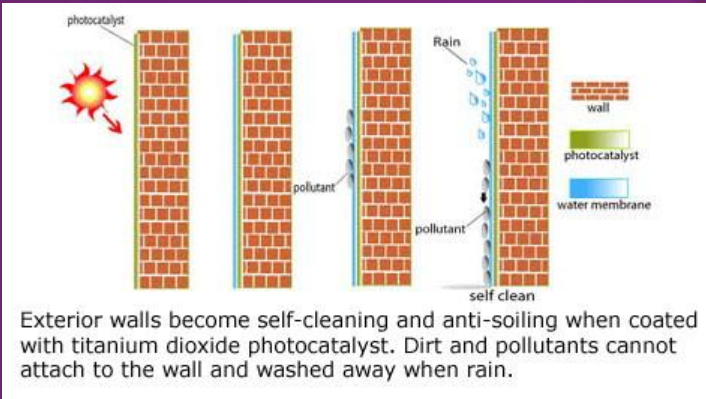


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The only photocatalytic coating in the market to provide 100% environmentally friendly application!

“Self-Cleaning” Top Coating Technology for a Greener Environment

Nanomatik creates an outstanding self-cleaning ability on building facades... Sustainable Protection of Building Exteriors!!!



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The self-cleaning effect of Nanomatik is obvious. Only a few months is more than enough to experience the difference:



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