

 **CLEAN**
TECHNOLOGY



NANOTECH SOLAR®

Nanotechnological protector for solar panels.

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Professional treatment based on Nanotechnology used in the glass coating on the solar panels.

Some of the main reasons of damage and loss of solar panels are dust, smog, pollution, animal excrement, organic waste and other crystalized sodium deposits.

The opacification of the glass surface reduces the entrance of the light radiation and as consequence; the device may reduce the percentages in a considerable manner.

A surface that is always completely clean of any kind of dirtiness may increase up to 40% of its performance and efficiency therefore take advantage to a maximum level all the solar energy to transform into electricity.

NanoTech Solar® is a product that fixates perfectly to glassy surfaces due to its active principle reinforced with silicon nano-powder, which enables the light entrance in a more direct method, is antistatic and prevents the permanent adhesion of Natural Particles and the accumulation of filthiness. With rain or a simple water stream, it creates a self-cleaning effect, broadening and facilitating maintenance periods.



The treatment is guaranteed for 10 years according to the correct application and handling, which are the essential reasons.

It is ultra-light in fully transparent coating, with a width of 100nm (one thousandth of a millimeter) it is not a film, does not contain silicone and the surface will never become yellowish with times, what makes it very aesthetic.

Laboratory tests have proven up to 15 years duration. The determination of the luminosity and solar characteristics was developed according to the UNI EN 410: 2011 norms.

Luminosity and UV transmission factors are invariant on surfaces treated with NanoTech Solar, therefore the performance of the solar panels does not get affected in any means.

- Certification N.292865
Giordano Institute, Italy
- Average performance: 45m²/Liter
(Special gun application)
- Average performance: 70 m²/Liter
(Applied by cotton hand)



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II





Diego Gonzalez

Phone Number: 407-907-0972
info@zamasolutions.com

www.ZamnaSolutions.com

