

Nanotol for solar and photovoltaic systems

Only clean modules generate the maximum energy because they can capture more sunlight. Any pollution creates shadow regions. This reduces yield and results in reduced performance and shorter runtimes.

Nanotol creates a thin, invisible layer of nanoceramics and nanopolymers on the surface of the Modules. Dirt and dust are repelled and can no longer bond firmly to the surface. Due to the reduced binding forces between dirt and surface the modules stays clean longer and cleaning is simplified. Similar to crystal glass, the nanopolymers increase the transmittance of light because less light is reflected. The reduced dirt adhesion and the higher transmittance increase the efficiency of the module. The easier cleaning and protection against scratches enable a longer service life of the module with high performance. Overall, this leads to earlier system profitability and thus greater economic efficiency.

Please follow these instructions step by step. The application of Nanotol is very simple, yet there are some points that should be noted.

1. Wet the surface

Use demineralized water or rainwater.

2. Distribute Nanotol Solar 1+2 on the surface

To do this, either spray on the liquid with a spray bottle and/or spread Nanotol over the surface with a cloth or floor mop.

3. Allow Nanotol to take effect for approx. 30-60 seconds

The high-quality surfactants in Nanotol Solar 1+2 dissolve the dirt so that it can be easily removed.

4. Wash off the loosened dirt with plenty of water

Use a cloth, a brush or a floor mop with a handle to make the job easier.

5. Repeat steps 2-4 again

The second time, the pores on the surface are free and the nanopolymers can fill them.

6. Dry the surface with a microfiber cloth.

The surface becomes noticeably smoother thanks to the microfiber.

Tipps:

Sealing:

Enjoy working in the sun. Heat improves the result.

If you have hard water, you must dry off any remaining water with a microfiber cloth after cleaning, otherwise there will be lime residue arise on the surface. This would again lead to stronger adhesion of dust and dirt.

After sealing, you should feel a smoothness on the surface.

Cleaning:

Do not use conventional cleaning products on the sealed surface. This is no longer necessary and the sealant is attacked by the chemical additives. You will only need water in the future.

Heavy rain can easily wash away dirt and is sufficient in most cases. But you can use tap water if necessary (garden hose or high-pressure cleaner).

Rinse afterwards before the water dried with demineralized water to prevent limescale buildup.

Refreshing:

The effect lasts for several years, but should be refreshed when the effect wears off.

To refresh, proceed in the same way as above described. You can skip step 5.