



SMART, SUSTAINABLE
NANO-FORMULATED SOLUTIONS

SOLAR GUARD

A light-activated nano-formulation that self-cleans PV panels, increases transparency by up to 3% increases energy yield by up to 9% and decreases cleaning frequency by up to 65%.



INCREASES ENERGY YIELD

Solar Guard-coated panels have shown an increase in transparency by 3%, and can increase each treated panel's energy yield up to 9%.

BREAKS DOWN DIRT & DUST

Solar Guard absorbs surrounding UV light to create a chemical reaction that works to break down growth and dirt build-up on PV panels. Let our nano-formulation do the heavy-lifting for you!

EASY TO APPLY AND CLEAN

Without the need for thinners or primers, Solar Guard is best applied to a clean, dry surface using a low-pressure pump-spray system without dilution. Cleaning is simple! Solar Guard creates a super-hydrophilic barrier, meaning surface stains wash off easily!

IMPROVES SURROUNDING AIR

Solar Guard decomposes VOCs, car exhaust fumes, and nitrogen oxides (NOx). As a result, surrounding air quality is improved! In terms of NOx pollutants, every 250 sq. ft. of Solar Guard-treated surface has the same cleaning power as 1 adult tree!

FEATURES

SUBSTRATES



INCREASES ENERGY YIELD



PV PANELS



EASY TO APPLY



DECOMPOSES POLLUTANTS



IMPROVES SURROUNDING AIR QUALITY



LIGHT-ACTIVATED SELF-CLEANER



EASY TO CLEAN

ESTIMATED COVERAGE

- 32 OZ ~370 SQ. FT. (34.4 SQUARE METERS)
- 1 GALLON ~1400 SQ. FT. (130 SQUARE METERS)





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SEE WHY THE PROS CHOOSE PURE GUARD.
CLEANER SURFACES.
CLEANER AIR QUALITY.
LESS MAINTENANCE.
BETTER FOR THE ENVIRONMENT.

APPLICATION & POST-APPLICATION CARE

With the proper care, Solar Guard can provide long-term savings for your exterior surfaces by reducing cleaning costs, and a better energy-yield for your PV panels!

Application is simple and you can even do it yourself. All applications of Solar Guard should be done on a clean, dry surface. This may require a professional power washing. See the Application Guide on our website for more details and instructions.

Cleaning is less frequent post-application, as rainwater can do most of the work for you. If necessary, clean with just water using a low-pressure power washer or a wet mop.

Questions about application or post-application care? We've got you covered and we're here to help! Email us for more info.



SOLAR GUARD CAN HELP PREVENT PROBLEMS!

DUST & DIRT BUILD-UP



Solar Panels generate energy by absorbing UV light. The constant build-up of dirt, dust, and other pollutants block the PV panel from doing its job. Solar Guard creates an ultra-hydrophilic barrier, preventing dust build-up, and making panels so easy to clean that rainwater does most of the work for you.

HIGH, FREQUENT CLEANING COSTS



Frequent professional cleaning costs can add up quickly. With Solar Guard, we've seen up to a 65% reduction in cleaning frequency, which saves money, and valuable resources! Cleaning is also easier without the need for harsh chemicals!

YOU'VE GOT TO SEE IT TO BELIEVE IT



UNTREATED TOP HALF OF SOLAR PANEL

SOLAR GUARD | 3 MONTHS POST-APPLICATION