

WE HAVE YOUR SOLAR PANELS COVERED!

SIGMAtek Non-Absorbent is designed to leave a ultra-thin, nano-scale, coating which reduces the surface energy of the substrate, thereby rejecting water and soiling.

Field tests have confirmed that SIGMAtek offers hydrophobic and self-cleaning refinements which increase the efficiency of solar panels while the self-cleaning effect decreases the cleaning and maintenance effort.

- **Easy spray-on or wipe-on application**
- **Reduce costly and intensive labor times for cleaning (approx. 40% less)**
- **Reduce cleaning chemical expenses (approx. 40% less)**
- **Estimated 6% increase in energy production versus an untreated panel**
Increase lifespan of panels and racking (less corrosion and abrasion wear)
- **Nano Thin – 1/500th the thickness of a human hair**
- **Unaltered Surface – treatment does not affect texture or appearance**
- **Hydrophobic – surface will repel water (water contact angle approx. 100°)**
- **Oleophobic – surfaces will repel oil**
- **Lipophobic – surfaces will repel fats**
- **Non-Reflective Coating - light transmission through the panel is unaffected**
- **Corrosion Protection – hydrophobic properties deter corrosion**
- **Flexible – Contracts and expands with the underlying surface**
- **Low product and installation costs (20ml per sq. m.)**
- **Guaranteed to last one year, but likely lasts 2-5 years depending on abrasion**

Environmentally Friendly-Long Lasting-Easy to Clean Attributes