

NewEraSeal[™] Solar Panels

Resistance and Repellency Nano-Sealer Protectant

Product Info

NewEraSeal[™] Solar Panels is an invisible, protective nano-polymeric coating specifically formulated for solar panel surfaces. It enhances resistance to dirt, dust, and other environmental pollutants, helping to maintain cleaner and more efficient panels over time.

The coating transforms your solar panels into self-cleaning surfaces, allowing natural rainfall to help wash away surface pollutants and keep the glass clean. It also helps minimize abrasion by protecting the glass from minor

scratches caused by wind, sand, and dirt.

Additionally, the invisible nano water-repellent treatment makes it easier to remove ice and snow during cold, icy, and snowy winter conditions.

Note, in areas with low rainfall where dust tends to accumulate on solar panels, it is recommended to periodically blow off the dust and/or occasionally rinse

the panels with water to maintain optimal performance.

Where to Use

Designed for use on all solar panel surfaces, including Low-E glass.

Features

- Eco-friendly, natural Nano-Biochemistry
- No PFAS, hydrocarbons or solvents
- Non-hazardous
- Ozone Safe and Full VOC Compliance

Benefits

- Improves charging efficiency and protects the glass surface from overheating.
- Decreases and shortens charging time.
- Repels ice, snow, frost, dust, dirt, mud, and bugs.
- Makes glass surfaces self-cleaning.
- Protects glass from UV and weathering effects.
- Reduces static and friction and minimizes surface scratches.
- Increases the life of glass surfaces.
- Safe to use on Low E Glass.



Resistance and Repellency Factor

PASS – Water, Ice, Snow, Frost, Fingerprints, Static, Minor Scratches, Airborne particles, Smog, Salt, Chloride Screen, Dust, Dirt, Mud, UV Rays, Frictions, Smoke, Fog

NewEraSeal[™] Solar Panels does not build up on the surface and does not add dimension to the surface.

1st Coat Coverage: 1,000 to 1,500 sf/gal 2nd Coat Coverage: 1,500 to 2,000 sf/gal (Variable based on surface density and porosity)

Use Instructions

- 1. Use rubber gloves and eye protection.
- 2. Do not dilute this product, it is ready to use.
- 3. Temperature of surface shall be between 40° F and 90° F.
- 4. Make sure solar panels are clean and free of dirt, dust, and debris.
- 5. Apply product to a dry surface with a fine mist sprayer.
- 6. Allow product to rest on surface.
- 7. Before product dries on the surface, wipe with a microfiber or soft cloth.
- 8. Initially, it is recommended to apply 2 coats to ensure adhesion to the surface.
- After the 2nd coat, the surface can be buffed with a dry polishing pad. (The nanopolymer will create a stronger, more permanent bond with the surface)
- 10. For larger applications, a specialized robot can assist with surface applications.

NOTE: We recommend future coats annually. Apply semi-annually for areas with significant wind, dust, debris accumulation, ice, and snow.

Storage

Store between 40° F and 90° F away from direct sunlight. If stored for a long period of time, the product should be slightly agitated prior to use.

Quick Specs

Size: 1-gal, 5-gal, 55-gal, 275-gal Appearance: Milky Liquid pH: 6.8 – 7.4 Solubility: 99% Soluble in Water Flammability: Non-flammable, nonexplosive Operating Temperature: -60°F to 700°F