

## Sealoc Weatherloc™ Conformal Nano-Coating Weatherproofing Services

Protect delicate and sensitive electronics and other surfaces with Sealoc's exclusive Weatherloc™ anti-corrosion, water-proofing conformal nano-coating process.



Sealoc has spent nearly a decade perfecting our conformal nano coating formulas to work with dozens of various surface types, such as printed circuit boards, metallic surfaces, polymers, semiconductors, ceramics, glass, paper pulps and more.

Sealoc's variety of conformal nano-coating treatments create a virtually-invisible, durable, microscopic layer that protects virtually every surface type against corrosive products and environments such as water, moisture, humidity, dust, salt-fog, salt-air, acidic products, petrochemical products and more.

### FORMULA ATTRIBUTES:

- ◆ IP68 dust & waterproof
- ◆ Makes electrical contact through the barrier coating
- ◆ Resists water, dust, salt-air and many chemicals
- ◆ Non-flammable
- ◆ Ecologically and human-health friendly
- ◆ Flexible and vibration resistant



### Superhydrophobic Conformal Nano-Coating

Unlike less-expensive and less-effective topical coatings, Sealoc's exclusive Weatherloc™ conformal nano-coating process creates a microscopic surface layer that is applied via a specialized, full-immersion process. This creates a superhydrophobic, conformal nano-barrier across and within the entire product—without the need for masking connection points. This nano-barrier creates a protective 100° positive contact angle for water and liquids, insuring they cannot adhere to the surface. This safeguards components from short-circuits, corrosion, or electrical fouling. Unlike traditional coating materials, Sealoc's

conformal nano-coating solution is permanently adhered to all surfaces, thus allowing electrical connection points to function normally, and circuitry to ventilate, reducing the likelihood of premature PCB failure due to overheating.

### Eco-Friendly

Sealoc's nano-coating solutions are both ecologically and human friendly. Both ROHS and REACH compliance ensures that it does not have hazardous chemicals that can impact human health or the environment.



Protect your financial investment and stop corrosion in its tracks with Sealoc’s exclusive Weatherloc™ conformal nano-coating services. Virtually anything can be protected, extending the life of your products from rust, corrosion or fouling when exposed to humid, salt-air or corrosive environments.



- Non-electronic devices susceptible to corrosion
- Speaker grilles
- Speakers
- HDMI extenders
- Cameras
- Cable / Satellite boxes
- Amplifiers / Receivers
- Home automation systems (e.g. Crestron, RTI, URC, Lutron, etc.)
- Access points
- Power supplies
- Switches / routers
- Matrix / network switches
- Surveillance cameras
- Gate controllers / keypads
- RC cars / Drones

Nano-Coating Certified / Tested by:

