



RESTORE ROOFS WITH NO UPFRONT COST WHILE GOING SOLAR

One of the biggest challenges for schools, hospitals and other businesses that want to go solar on site is that their roofs are not solar ready. A roof surface may need repairs before it can hold solar arrays. Or the roof may be scheduled for replacement in the next few years, requiring the solar panels, racking and other equipment to be moved and replaced at that time, adding significant cost to a solar project.

Fortunately, Secure Solar Futures now offers a solution: solar energy systems preceded by roof restoration. For qualified roofs requiring repairs or facing replacement soon, we apply a high-quality liquid-applied membrane (LAM) that can extend the life of a roof by decades. Restoring your roof is faster, cheaper, and greener than roof replacement. And the restored roof will be as strong and durable as a new roof, backed by our guarantee.



HOW WE ARE DIFFERENT

Secure Solar Futures offers a 25-year warranty on our roof replacements because we use the best roof restoration system available. Used for more than 50 years, silicone is a proven solution offering superior strength and durability to restore roofs that would otherwise require replacement.

OUR SOLUTIONS

AVOID ROOF REPLACEMENT

For qualified roofs, existing TPO, PVC, EPDM, Metal, Mod-Bit, or other roof material remains in place while liquid-applied membrane is layered on top, avoiding tear-off, waste, and disposal. That means no disruption to building operations, as facilities enjoy normal use, protected by their existing roof and free of fumes or smells.

MOVE COSTS FROM CAPEX TO OPEX

Instead of waiting for capital budget to be allocated for expensive roof replacements, we can offer you a restored roof right away by including costs for roof restoration in the monthly payments of a solar power purchase agreement (PPA) or comparable service agreement.

LONG LIFE AND EASY MAINTENANCE

Our inorganic silicone offers key advantages over commonly used roof coating products, including high resistance to UV rays and punctures, protection from water ponding, and high reflectivity to reduce the heat-island effect.

CUSTOMER PRAISE

“Since we don’t have a dedicated fund for anything more than minor roof repairs, the roof restoration meant that we were able to get three of our schools’ roofs restored and guaranteed for 25 years and avoid the larger cost of replacing those roofs.”

—DOUG ARNOLD, HEAD OF MAINTENANCE, ORANGE COUNTY PUBLIC SCHOOLS, VIRGINIA

See spec sheet on following page for additional information.

SPEC SHEET: RESILIENT SOLAR + ROOF RESTORATION

BENEFITS OF SOLAR POWER PURCHASE AGREEMENT (PPA)

Lower electricity bill with no upfront capital or maintenance costs

Avoid rising energy costs by locking in savings under predictable rates with no performance risk

Positive environmental impact from clean energy

Community leadership

Positive branding

Educational benefits for schools

BENEFITS OF RESILIENT SOLAR + ROOF RESTORATION®

Restoration costs less than replacement and 25-year warranty matches solar PPA term

Cost folded into Solar PPA as operating expense in \$/kWh

Reduce unfunded liabilities in Capital Improvement Plan budget, thus eliminating debt

Reduced roof temperature from white roof lowers cooling costs

Maximize savings by combining benefits of Resilient Solar + Roof Restoration®

Roof restoration is faster, cheaper, less disruptive to building operations and better for the environment than roof replacement. But is restoring your existing roof as effective as replacing roof materials?

Yes, but only if you use a high-quality roof restoration system. Cheap coatings can lead to disappointment.

Secure Solar Futures is able to offer a 25-year warranty on our roof replacements, done before installing solar power systems, because we use the best roof restoration system available. Our advanced liquid-applied membrane, a silicone formulation, offers key advantages over commonly used roof coating products:

- **Proven technology**—silicone has been used in roofing solutions for more than 50 years
- **Long warranty** of 25 years
- **No primer required**, no complicated mixing—material is single component
- **Flexibility in application methods**—can be rolled or sprayed
- **Moisture curing**, fast dry time
- **Easy to repair** by applying more of the same silicone material
- **Monolithic system** means troublesome seams are no longer a factor or concern
- **Cured silicone is inorganic** and resists UV rays
- **Cured silicone is not affected by ponding water**—other materials are compromised by prolonged exposure to ponding water and the organic materials that it collects
- **Light color offers high reflectivity**—reduces heat-island effect and keeps buildings cooler in summer
- **A viable option over many substrates of roofing materials previously used on roof**—TPO, PVC, EPDM, Metal, Mod-Bit, and others



45-50 mil fluid-applied membrane on existing 45 mil roof membrane



Huguenot High School, Richmond, VA, with restored roofs and solar panels