

CRRC-Rated Protection

Conklin Company is proud to be a partner of the Cool Roof Rating Council. Our white roof systems meet the CRRC’s stringent guidelines or solar reflectance and thermal emittance and help protect the environment through energy efficiency in a number of ways by:

- Decreasing the energy required to cool the building, resulting in less air pollution
- Reducing the amount of roofing materials discarded into landfills with exceptional sustainability
- Minimizing summertime heat island effects in city environments, slowing down the formation of smog

CONKLIN SINGLE-PLY MEMBRANE SYSTEMS



Shield Your Building
with the Best



Photo courtesy of Brian Beachy

“FLEXION® XL is certainly our single-ply membrane of choice. The high concentration of Elvaloy® and modified compounds in the sheet make it very pliable and nice to work with compared to other PVC membranes on the market. We have installed thousands of squares of Conklin single-ply over the years with nothing but success and excellent results.”

– Brian & Jon Beachy, Ohio



Photo courtesy of Eli Kinsinger



A Charles W. Herbster Company



Professional application of a Conklin Single-Ply Membrane System



1. Remove all loose dirt and debris and install boardstock.



2. Apply membrane, overlapping seams in the direction of water run-off.



3. Weld seams by hand or with a robotic welder.



4. Seal free edges of membrane with 360-S® urethane sealant.

Photo courtesy of Sheldon Swartzentruber

What are the Conklin Single-Ply Membrane Systems?

Premium polyvinyl chloride (PVC) and thermoplastic polyolefin (TPO) membrane systems that offer outstanding reflectivity and are resistant to a broad range of chemicals, helping to extend the life of the commercial roof. During installation, single-ply membrane rolls are overlapped and heat welded together along with mechanically-fastening or fully-adhering with adhesive to form an exceptionally durable, waterproof, and energy-efficient shield that will deliver unsurpassed building protection for years to come.

Advantages of Conklin's Single-Ply Membrane Systems:

- Offers superior protection from wind and hail.
- Offers fire and chemical resistance.
- Up to 20 and 25-year warranties available.*
- Stops leaks with superior waterproofing.
- Increases energy efficiency and lowers utility expense with its cool, white reflective surface.
- Can be applied in all seasons, performs in all climates.
- OUTPOST® is the only 60 mil TPO membrane on the market with a non-moisture wicking scrim and a Kevlar-reinforced selvage edge.
- FLEXION® XL has been independently tested as the toughest and highest-performing 60 mil PVC membrane in the market today.

Eliminate future roof tear-offs

Years from now, when it's time to renew the superior protection of your Conklin roof, our Single-Ply Membrane Coating System or our Fabric-Reinforced Coating System will do the job. Conklin's acrylic or urethane coatings systems provide a new, cost-efficient solution for repairing and preserving approved membranes, resulting in improved energy savings and and renewed roof lifespan. In most cases, multiple recoats can be applied for as long as you own your building, saving you the expense of a new roof. With each recoat, our material warranty* may also be extended.

Recoup your costs

A great return on investment is another important reason to choose Conklin's Single-Ply Membrane System. Many satisfied customers discover that a Conklin roof system lowers air conditioning costs and can pay for itself during the warranty* period. Federal tax rebates, tax credits and deductions may also offset your investment. In many cases, the government considers recoating a procedure that can be deducted as a maintenance cost. Federal, state and local tax rebates, credits and reductions may also offset your investment. Check with you local utility company, tax advisor and www.coolroofs.org for additional details and information.

*Enjoy peace of mind with our warranty programs

Conklin supplies limited, non-prorated material and material and labor (additional costs will apply) warranties, once the appropriate data is submitted to Conklin and approved.

Dramatically reduce cooling costs

The average roof absorbs a large portion of the sun's ultraviolet rays as heat. Conklin's white, single-ply membrane systems reflect up to 89% of the sun's heat**, cooling your building and saving you significant dollars in air conditioning costs.

** Reflectivity value noted is in reference to FLEXION® XL PVC single-ply membrane.

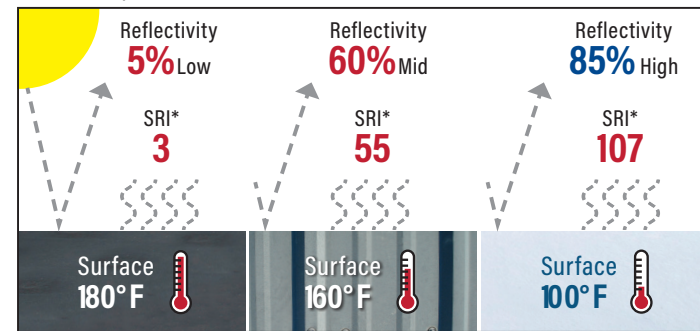
White Roofs Drive Energy Costs Down

Highly reflective "cool" roofs are having their day in the sun. During the warmest weather, studies have indicated that they lower roof temperatures by up to 40% and decrease the amount of heat transferred into a building's interior. That helps reduce energy needs for cooling, and using less energy not only saves money, it also reduces the amount of pollutants released into the atmosphere. Conklin Roofing Systems meet the very highest standards for energy efficiency.

What Conklin Cool Roofs Do For You

- Reduce air conditioning bills
- Increase roof durability
- Lower air temperature surrounding air conditioning unit
- Help lower the heat island effect
- Provide sustainable roofing systems
- Reduce the amont of landfill waste by recoating the existing roof

Ambient Temperature 90° F: Statistics taken from www.reliant.com

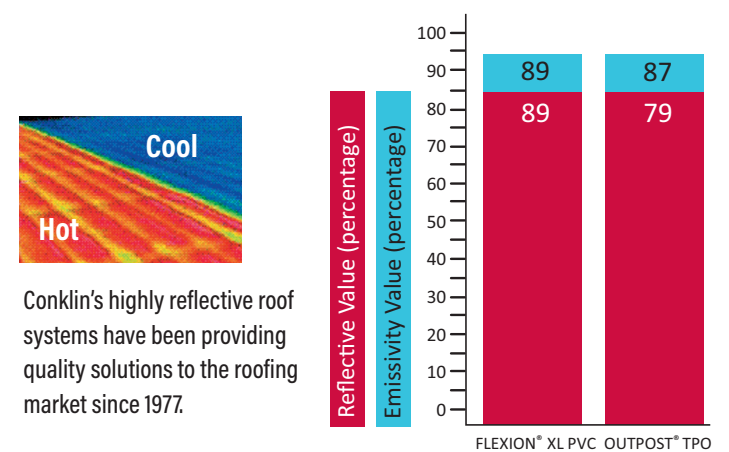


*The Solar Reflectance Index (SRI) is a measure defined by the Lawrence Berkeley National Laboratory as the roof's ability to reject solar heat, as shown by a small temperature rise. It is defined so that a standard black (reflectance 0.05, emittance 0.90) is 0 and a standard white (reflectance 0.80, emittance 0.90) is 100. Due to the way SRI is defined, particularly hot materials can even take slightly negative values, and particularly cool materials can even exceed 100.
Source: Cool Roof Ratings Council

Conklin's Cool Roofs Meet the Highest Standards for Reflectivity and Emissivity

These qualities result in a highly sustainable roof that:

- Reduces severe temperature fluctuations that cause thermal movement and stress
- Reflects damaging UV rays to help slow the aging process of the roof
- Lowers roof temperatures, reducing the rate of chemical breakdown



Conklin's highly reflective roof systems have been providing quality solutions to the roofing market since 1977.

FLEXION® XL 60 MIL PVC OUTPOST® 60 MIL TPO

The next generation of high-performance, single-ply membrane roofing technology has arrived!

These Elvaloy®-modified PVC and TPO single-ply membranes provide rugged protection from the elements. Their unique chemical formulations are naturally fire and chemical-resistant, making FLEXION XL and OUTPOST excellent choices for both new and re-roofing applications.

- Excellent flexibility and elongation creates ease of handling and welding.
- Tremendous tear and puncture strength.
- Kevlar®-reinforced selvage edges provide powerful holding strength for plates and fasteners in high wind uplift areas.
- Non-moisture wicking scrim material simplifies application and increases seam durability.

Visit the Roofing Systems section of www.conklin.com for more detailed information on stocked and custom order single-ply membrane accessories or refer to the current Roofing Systems monthly pricing guide.

