

THE MULTIPLE BENEFITS OF SILICONE ROOF COATINGS

ENERGY SAVINGS, NO PRIMER, SUPERIOR PERFORMANCE

Unmatched Performance

No other restoration coating, and few other traditional roofing systems, can offer the benefits that silicone does. Its reflective properties provide you with unmatched energy savings. Its adhesion without a primer in most cases saves you time, money, and labor. Its silicone properties (instead of water) provide superior performance over acrylic coatings. On top of these great benefits, no other system can provide a watertight roof for the price that silicone does.

REFLECTIVITY: SAVE MONEY, STAY COOL

Multiple independent studies have examined the benefits of installing a reflective roof coating with regards to energy savings. These studies concluded that a new reflective roof can save you nearly 50 cents per square foot, or 20% on your energy bill every year. These savings are the result of a cooler building interior, thanks to reflecting UV rays off the roof.

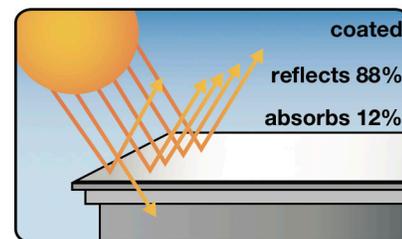
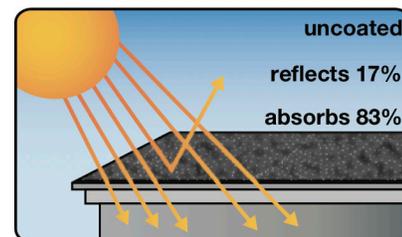
Installing a reflective, cool roof surface also increases the comfort of those inside your building, and reduces the wear and tear on your heating and cooling units.

ENVIRONMENTAL PROTECTION AGENCY (EPA)

"A California study found that cool roofs provide an average yearly net savings of almost 50 cents per square foot."

CALIFORNIA ENERGY COMMISSION

"The California Energy Commission has concluded reflective roofs can reduce a building's energy use by 20% and save consumers money."



Outperforming Acrylic Coatings

As a water-based product, acrylic elastomeric roof coatings are very limited in benefits. Their longer cure times, risk of wash-off, need for multiple coatings and full roof reinforcements can't compare to the performance of a silicone-based product. You'll save time and money by choosing Progressive Materials' Silicone RCR roofing system.

SINGLE COAT APPLICATION

- 40% higher solids content
- High-build capacity (40+ mils in one coat)

SIGNIFICANTLY LOWER LABOR COSTS

- In most cases, no primer is required
- Single coat application
- Less reinforcement needed

SAFE FOR THE ENVIRONMENT

- Solvent-free, low VOC
- No tear-off required; keep waste out of landfills

SUPERIOR UV STABILITY & PERFORMANCE

- Silicone based
- Withstands ponding water
- Will not chalk, degrade, or haze from UV exposure

EASY TO USE

- Faster cure time
- Moisture cure product (humidity is a plus)
- Fully cures even in cooler temperatures
- Extends the roofing season into spring & fall
- No risk of wash-off

Primer-Free Adhesion

Our 100% silicone roof coatings adhere to almost any substrate without a primer. However, there are certain situations where applying coating without a primer may lead to less than perfect results. Despite complete adhesion, the substrate can stain the coating yellow, or rust may grow underneath the coating. For projects where the coating may be stained (due to chemicals on the substrate), or oily films or rust are present on the substrate, we offer a full line of primers.

SUBSTRATE	PRIMER	REQUIRED FOR ADHESION?	PURPOSE
Aged Asphalt	P-160 Bleed-Block Primer	No	Prevent yellowing of coating due to bleed-through.
Concrete	-	-	-
EPDM	P-120 EPDM Rinseable Cleaner	Yes	Remove black film from EPDM substrate. Required only in cases of poor adhesion.
EPDM	P-110 EPDM Bleed-Block Primer	No	Prevent yellowing of coating due to bleed-through.
Granulated Cap Sheet	P-160 Bleed-Block Primer	No	Prevent yellowing of coating due to bleed-through.
Gravel BUR	P-160 Bleed-Block Primer	No	Prevent yellowing of coating due to bleed-through.
Hypalon	P-150 Single-Ply Primer	Maybe	Remove oily film present on many Single-Ply roofs less than 5 years old.
Metal Roof Panel	P-130 Rust Inhibitive Primer	No	Stop current rust growth and prevent future rust growth.
Modified Bitumen	P-160 Bleed-Block Primer	No	Prevent yellowing of coating due to bleed-through.
PVC	P-150 Single-Ply Primer	Maybe	Remove oily film present on many Single-Ply roofs less than 5 years old.
Silicone Coated Roof	-	-	-
Skylight	-	-	-
Smooth BUR	P-160 Bleed-Block Primer	No	Prevent yellowing of coating due to bleed-through.
SPF	P-100 SPF Primer/Night Seal	No	Increase yield and performance of spray foam.
TPO	P-150 Single-Ply Primer	Maybe	Remove oily film present on many Single-Ply roofs less than 5 years old.