



EPIC ROOFING SOLUTIONS

COATING MADE SIMPLE



WHAT MAKES THE ERS COATING SYSTEM UNIQUE?

ERS SILICONE ROOF COATING PRODUCTS

FOR USE: metal roofs, single ply membranes, granulated modified bitumen and sprayed-in-place polyurethane foam roofing

Silicone roof coatings are highly durable and can be applied to a variety of roof substrates. In addition to their adhesion, Silicone coatings can expand and contract, a great benefit during periods of extreme temperature changes. Reflective Silicone coatings provide excellent solar reflectivity and UV protection. We have two wonderful silicone coating products.

ERS ACRYLIC ROOF COATING PRODUCTS

FOR USE: metal roofs, BUR and single ply restoration

One of the most attractive qualities of acrylic coating is its ability to apply smoothly on rough, textured surfaces. They are water-proof—though we suggest you avoid use on roofs that are prone to ponding water. Many of these products are also fire retardant! These coatings can also provide good resistance to mechanical damage and chemical attacks. We have three wonderful acrylic coating products below.

ERS POLYURETHANE ROOF COATING PRODUCTS

FOR USE: foam roofing, PVC, TPO and EPDM single ply membrane systems, modified bitumen and concrete

Polyurethanes are known for their flexibility. They are frequently sought to serve as a protective coating for sprayed-in-place foam roofing. These coatings do a great job of protecting both commercial and industrial surfaces, such as: smooth BUR, concrete, masonry and the lining and sealing of interior gutter systems. We have two wonderful polyurethane coating products.

ERS THERMOPLASTIC ROOF COATING PRODUCTS

FOR USE: metal roof decks, aged BUR surfaces, cap sheet and selected primed single ply systems

Those located in rainy climates will be glad to know that Thermoplastics have a superb resistance to moisture penetration. They are able to perfectly withstand water ponding conditions. And, when dealing with mildly rusted metal surfaces, this coating eliminates the need for a primer coat. We have one wonderful thermoplastic coating product below.

WHAT EPIC ROOFING SOLUTIONS, LLC CAN PROVIDE TO YOU

- Free Roof walkover and evaluation of your current roofing system
- Evaluating the types of systems/manufacturers you wish to install
- Assistance in specifications and details from our manufacturers
- Assistance in working with your current specified or plant engineer
- Assistance in budgeting your projects
- Assistance in monitoring your project
- Assistance in determining the right contractor to install your new Roofing and Solar Applications.
- Help acquire LEED Points
- Assist you in becoming “Green”
- Provide Solar Alternatives
- Help you acquire energy credit

Metal Roofs

Repair and Restoration of Metal Roofs

Whether a standing seam or the common r panel type of metal roof system, these systems have always been great candidates for the Energy Star approved **ERS** Acrylic Roof Restoration System. Metal roofs experience tremendous movement from thermal cycling, ambient and surface temperature fluctuations that results in the seams opening and fasteners backing out. Once an **ERS** white reflective system is applied, not only are we stopping the leaks, but we are also reducing that movement by lowering the surface temperature by 40-50%. This also results in a reduction of the heat transfer into the building, giving the owner real energy savings during peak times. The **ERS** Metal Roof Restoration and Repair System addresses all areas of water penetration, reduces the roof surface temperature dramatically and allows for significant energy savings. This high-quality solution will also extend the life of the roof by 10-12 years with the possibility of a renewal coating application at that time. In addition to this system, the product information and design guidelines below may be helpful as you explore the best options for your roof. When restoring roofs, many facility managers have decided to utilize white, reflective coatings in order to address leaking roofs and to realize the benefits of cool roof reflective coatings. White reflective coatings reduce roof surface temperatures during peak cooling seasons, resulting in less heat transfer into the building and savings in energy costs for many buildings.



Modified Bitumen

The **ERS** Modified Bitumen Restoration System, a polyurethane base coat and silicone finish coat has been very effective for both granulated and smooth modified bitumen roof restoration. Once these “modbits” start leaking and showing signs of aging, the building owner or facility manager now has a very cost-effective alternative to a complete tear off and reroof. This **ERS** system is installed with no business interruption and the total cost can be expensed in the year it is completed, as opposed to a new roof having to be amortized over its life of 20 years or more.

When restoring roofs, many facility managers have decided to utilize reflective, white in color “cool roof” coatings as a means of reflecting heat and UV rays. Reflective coatings reduce roof temperatures during peak cooling seasons, resulting in less heat transfer into the building and savings in energy costs for many buildings. Additionally, the cost can be expensed in the year it is installed, providing significant tax savings



PVC-TPO Single Ply

Repair and Restoration of TPO Roofing

If there is one low slop roofing system leading the pack in getting coated, it is PVC-TPO membranes. There have been millions of square feet of PVC-TPO roofing installed over the last 15-30 years; some very good and some not so good. And all aging faster than expected. But many can be saved, restored and have their service lives extended by an installation of the **ERS Single Ply Restoration** for PVC-TPO system.

Single Ply EPDM Roofing

EPDM, a black roofing membrane with a life span of 15 years or more, has proven to be a very effective means for waterproofing buildings. However, EPDM roofing offers little reflectivity and can result in tremendous heat transfer into the building, inflating energy costs. The **ERS EPDM Roofing Restoration System** not only extends the service of the EPDM, the white finish coat will reflect the heat and damaging UV rays to help reduce those building energy costs. All this while stopping the leaks that triggered the call to a roofing contractor in the first place.

The **ERS** Single Ply Restoration System is ideal for almost any deteriorating and leaking EPDM membrane roof, providing an Energy Star, CRRC rated and Miami Dade approved application. In addition to this system, the following coatings and design guidelines may be helpful as you explore the best options for restoration of your roof.



Smooth BUR (Built Up Roofs)

Repair and Restoration of BUR Roofs

An asphalt smooth BUR roof system is an older low slope roof system on which many contractors have been chasing leaks for years. The **ERS** BUR Restoration System offers an owner a very cost-effective coating restoration option with no business interruption and an expense write off in the year it is installed. And the bright white finish coat not only withstands ponding water, it also provides lower building energy consumption than before. A white reflective roof always saves money for the owner versus an older black asphalt surface.

The **ERS** BUR Restoration System is ideal for almost any deteriorating and leaking smooth BUR roof, providing a white reflective roof system that will extend the service of any older asphalt roof by many years. The product information and design guidelines below may be helpful as you explore the best options for your roof. **ERS** Polyurethane and **ERS** Silicone are also ideal products for restoration of BUR roofs.



Spray Polyurethane Foam (SPF)

Repair and Restoration of Spray Polyurethane Roofs

Any SPF system, coated with an **ERS** acrylic or silicone coating, provides a very effective waterproofing and insulating roof system. The SPF offers an R value and terrific insulation through a light weight and very durable closed cell product. The **ERS** White reflective coating protects the SPF against the damaging UV rays and acts as the first line of defense against water for years. The end result is a seamless, monolithic system that can last for decades.

The ERS Spray Polyurethane Foam Coating System

has proven ideal for many building owners, providing a UL rated, an FM Global, CRRC rated and Miami Dade/Florida Building Code approved application with a reflective coating. This system employs ERS base coat and ERS Premium Acrylic as a topcoat.

Epic Roofing Solutions, LLC

6325 Fall of the Neuse Road, STE 35-226 Raleigh, N.C. 27615

Phone: 844-404-8972

www.epicroofingsolutions.com

