



Spray Foam Roofing

Sprayed Polyurethane Foam has become one of the most impressive roofing materials on the market. Its ease of installation and lifelong performance make it a truly revolutionary product.

Engineered to be the Best:

- Seamless and fully self-adhering
- Requires no fasteners, eliminating thermal bridging
- Conforms to irregular shapes and expands to fill cracks
- Provides a waterproof monolithic seamless roof system
- Withstands the most extreme weather conditions
- Greater resistance to wind uplift and hail damage
- Highest R-values on the market
- Acts as a heat, moisture and air barrier
- Decreases energy expenses

Two-Part System

Spray Foam

The foam we install is a HFC-blown, Zero Ozone-Depleting, spray polyurethane foam (SPF). The system is ideal for commercial buildings, especially large buildings with irregular shapes or complex layouts.

Polyurethane foam is a monolithic insulation formed by mixing an ISO component with a resin blend. At the time of installation, the materials are heated and pumped through precisely metered, plural-component equipment and blended directly on the roof as they are sprayed out of the gun.

Protective Coatings

The biggest threat to SPF is UV exposure. SPF must be protected from the sun after installation to avoid accelerated deterioration. SPF can be protected from the sun with a renewable coating, usually in the form of silicone, acrylic, or urethane. The protective coating is spray-applied directly over top of the foam, where it provides UV protection, additional waterproofing, and increased protection from the elements.

To further increase the protection the coating provides, building owners often elect to have roofing granules laid down in the wet coating for additional durability and protection from the elements, or to designate walkways.



Energy Efficiency

The Green Alternative

Other roofing systems require tear-out of the old roof, and lengthy installations of the new materials. Not only does that tear-out process add waste to local landfills, but the new materials are typically manufactured in a factory that produces huge CO2 emissions. The tear-out and reroof process has an extremely negative environmental impact.

Our foam is largely made from organic materials, and can be spray-applied to a roof without ever having to tear out the old system. This translates into:

- Minimal landfill waste
- Superior Eco-Efficiency Analysis results
- Reduced "heat island" effect
- Reduced energy costs by reflecting sunlight and radiant heat
- Decreased load on HVAC systems

Further evidence of the environmental-friendly nature of our foam rests in our certifications:

- International Code Council (ICC), LEED, and Energy Star Compliant
- UL and FM Approved

Contact IRC today to learn more about our company, our systems, and what we can do for you.



Our Suppliers:

