

Top 5 advantages of SPF roofs

By General Coatings.

Is spray polyurethane foam roofing right for your customers? Here are five reasons to choose SPF roofing.

We here at [General Coatings Manufacturing Corp.](#) know that spray polyurethane foam (SPF) is a great roofing system. It's easy for professionals to install, affordable and has superior longevity. But property owners might not know how much protection an SPF roof can provide for their building. That's why we've outlined five advantages SPF roofing has to offer below:

1 - Energy efficiency

SPF delivers exceptional insulation performance, as it's a continuous layer across the roof. It's a monolithic and fully adhered roof system, which mitigates energy loss through gaps or seams in the existing roof system. Of all types of cellular insulation in roofing, it has the highest R-value per inch (6.5-6.9 per inch). Numerous studies have shown that the ROI on spray foam recover systems can happen in as little as five years or less in energy cost reduction.

2 - Durability

One of the best features of spray foam is that it insulates the building, mitigating excessive expansion and contraction due to changing outside temperatures. This characteristic gives it unparalleled durability. Contractors can install spray foam in almost any climate or harsh environment, and it will hold up well. General Coatings has FM approval for our coated foamed roofing systems, to provide enhanced performance for wind uplift, fire and hail resistance.

3 - A seamless surface

Roofing companies apply SPF as a liquid through a high-pressure spray gun. Once the well mixed polyurethane insulation is installed on the roof substrate, it expands to seal and insulate the entire roof. This method provides a continuous membrane that fills in cracks, holes, corners and along the base of the roof. Spray foam has no exposed seams, so there is less chance for water to penetrate through to the deck. It is a durable cellular

insulation that protects the roof from moisture and air. Owners never have to worry about cracking or splitting in a single-ply membrane.

4 - Environmentally friendly

[Spray polyurethane foam](#) is an eco-friendly alternative to other roofing methods because it is renewable and sustainable. SPF as a roofing system is a low waste and low labor assembly, providing a efficient installation method. This means the contractor will have low disposal and minimal tear-off costs. With proper maintenance, the SPF roof system can be renewed when at the end of its service life by re-coating the existing elastomeric coating. SPF features ultra-low global warming chemistry that reduces the carbon footprint in its roofing systems.

5 - Meets building codes

No matter what state or city you are in, SPF is the perfect product for meeting all residential and commercial building codes. Coated foamed roof assemblies can meet Class A and Class B fire performance, which is especially beneficial in metropolitan areas where building codes are stricter. SPF meets all fire, durability and insulation codes.

General Coatings is your SPF expert

When it comes to roofing material, General Coatings is the leader in polyurethane spray foam roofing products. For 25 years, we have developed exceptional industrial, commercial, and residential construction products. Each of our products is well tested and independently certified for quality.

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