

Get the Facts about Spray Foam: Insulation with Unique Benefits

SPRAY POLYURETHANE FOAM (SPF) is an insulation and sealant like no other. It can form a continuous air barrier on walls, roofs, around corners, and on many surfaces in and around a home or building. It is created at the jobsite by mixing two liquids that react very quickly, expanding on contact to create rigid foam. It not only insulates, but **seals gaps, and some foams can form a barrier against moisture and vapor.**

By creating a tight barrier around a building, SPF helps prevent hot and cold air, moisture and vapor from infiltrating a building's comfortable interior environment. SPF insulation is known to resist heat transfer extremely well, and it offers a highly effective solution in reducing unwanted air infiltration through cracks, seams and joints.

Learn more about spray foam and about polyurethanes at www.polyurethane.org.

Spray Foam Benefits

Spray foam is a high quality, versatile insulation product that can be added to a new home or installed during a renovation or retrofit job. It is a multi-purpose product that insulates, seals and acts as an air barrier. Certain types of spray foam can act as a moisture barrier, weather barrier, or even as a sound barrier.

What can spray foam do for you? Spray foam can:

- Reduce energy consumption by helping prevent hot and cold air infiltration.
- Create a comfortable indoor environment by preventing allergens and moisture from entering the building's interior.
- Provide additional building strength, including resistance to wind uplift (closed-cell foam only).
- Offer **design creativity** and flexibility by fitting hard-to-reach places or complicated structures, such as domed ceilings.

Spray foam can help to provide **long-term value** to your home. Spray foam can:

- Help **reduce energy consumption**, which could lower your energy bills.
- Allow for **smaller HVAC units** and could reduce construction costs.
- **Lower maintenance costs** and lead to **reduced repairs** for roofing systems.

See for yourself: a case study on SPF used on roofs at the University of Texas A&M shows that after just 4.5 years, the spray foam applied to the roofs of 27 buildings provided enough savings in energy bills to pay for itself. Visit www.whysprayfoam.org to learn more.

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