

SPRAY FOAM INSULATION

*Work with an innovator in spray foam
insulation technology.*

USI

BUILDING SOLUTIONS

Advanced Technology

Spray foam insulation is the most advanced, energy-efficient insulation and air sealant available today. USI offers a team dedicated to installing this excellent energy-saving technology across the nation. Our product is mixed on-site to ensure proper formula for outstanding lifetime performance

Protection Beyond R-Value

Spray foam insulation products cannot be measured by R-value alone. While traditional insulation can only protect against heating and cooling loss caused by conduction, spray foam thoroughly protects against all six paths of heating and cooling loss.

- 1 CONDUCTION** – The transfer of heat through materials in contact with insulation.
- 2 CONVECTION** – The movement of hot and cold air in your walls.
- 3 RADIATION** – The transfer of heat through your walls and roof.
- 4 AIR INFILTRATION** – The transfer of heat by air flow between the exterior and interior.
- 5 MOISTURE ACCUMULATION** – Moisture within the insulation that leads to heat loss/gain.
- 6 AIR INTRUSION** – The movement of outside air into your home and then back out.

In addition, its air sealing qualities reduce the amount of noise that enters the home.

Benefits

Depending on the type used, spray foam reduces your heating and cooling bills and enhances:

- Attic Temperature
- Air Quality
- Moisture Control
- Pest Control
- Noise Reduction
- Structural Strength

Preserve Equipment & Comfort

If your air conditioning equipment and ducts are located in the attic, applying spray foam to the underside of the roof creates a semi-conditioned space that stays within 5 to 10 degrees of your living space. It reduces equipment wear and tear and lowers your cooling bills.

Best Practices Mean Best Results

Our leadership in spray foam technology is accompanied by an emphasis on installer training and certification, vigilant management and well-defined procedures. As a result, our crew has become one of the largest and most respected spray foam installation teams in the U.S. Adhering to high standards ensures builders and homeowners receive the service and quality they deserve.

To learn how spray foam insulation can benefit you, please contact us for a free consultation and estimate.



Spray foam is the biggest innovation in the insulation industry since the introduction of fiberglass in the 1950s, and USI is one of the nation's leaders in utilizing these products. This technological advancement allows us to create superior comfort and energy efficiency through lower R-value, while cutting homeowners' heating and cooling costs in half.

With the ongoing increases in heating and cooling costs, USI has worked hard to install polyurethane spray foam to the highest quality standards. In addition, by certifying and monitoring our nationwide spray foam installation team, we ensure that builders and homeowners can trust that these leading-edge products are installed correctly for lasting results.

Facts About Spray Foam Insulation

- Two types are available: open cell, which is soft, and closed cell, which is rigid.
- Closed cell spray foam provides the best available R-Values.
- Both types offer air sealing and insulation in one product and protect against all paths of heating and cooling loss.
- Spray foam enhances comfort by keeping noise, pests and allergens out.
- The products are VOC-free and ozone safe.
- Due to its combination of air sealing and insulating properties, spray foam can reduce heating and cooling energy usage by as much as 40 to 60 percent. (Source: www.builtsmartresources.com)

Spray Foam Insulation Properties

| | Open Cell | Closed Cell |
|------------------------|---------------------------------------|-----------------------------------|
| COMPOSITION | Soft polyurethane foam | Hard polyurethane foam |
| AIR SEALING PROPERTIES | Better than other insulation products | Best among insulation products |
| STRUCTURAL STRENGTH | Soft, compressible product | Hard, dense, impenetrable product |
| FIRE RESISTANT | Yes | Yes |

Areas of coverage for spray foam insulation include:

- *New Construction*
- *Crawl Spaces*
- *Ceilings*
- *Complete Remodels*
- *Basements*
- *Floors*
- *Attics*
- *Walls*
- *Roof Interiors*

The USI Difference represents trust, experience, knowledge and performance, from planning through construction. Excellence in every step of the process ensures timely completion and quality service, time after time.

Building higher quality, energy-efficient homes is a great idea.

We encourage builders to take advantage of the fact that homeowners are more energy conscious than ever before. They are willing to invest in making their homes more energy efficient and comfortable. Contact your local USI insulation expert to learn about rebates and other incentives available from the government and local utility companies.



Insulation Recommendations by Geographic Area

Learn the recommended insulation levels for improving your home with additional insulation. Visit USIinc.com for a guide to rebates and energy efficiency.

» The High-Tech Advantage

After some time as a specialty item, spray foam insulation now represents a leading-edge solution for air sealing and insulation. More and more builders are discovering the benefits of insulating and sealing with spray foam, which offers superb performance and comfort for energy-savvy homeowners. Builders who use spray foam realize the advantages of being a step ahead of the competition.

» Our Own Technician Certification

Working alongside the most respected names in insulation over the years, USI has created a Spray Foam Tech certification program that is second to none. Each technician must not only demonstrate they are physically capable of doing the job, but they must also complete several stages of training, including a field apprenticeship, hours of testing and evaluation by the National Spray Foam Manager. Upon completion, they earn the USI Spray Foam Tech title. This is one of the many reasons why USI is recognized as a leader throughout the insulation industry.

Let our professional team help you with selection and installation of the best possible insulation and air sealing products for your home. Start with a free estimate today by calling us or requesting an estimate on USIinc.com.