

# WHAT IS SPRAY FOAM?

## A Look Inside



Spray foam insulation is a modern and energy-efficient way to help keep buildings warmer in the winter and cooler in the summer, as well as help reduce sound transmission and minimize air loss. But what exactly is spray foam? **Let's take a look at this high-performance material and its uses.**

### WHAT IS SPRAY POLYURETHANE FOAM?

Spray foam insulation is a combination of two liquids:

an **ISO** + a **RESIN**

They are kept separate until it's time use them, sprayed onto a surface area such as a wall, attic or crawlspace, to create the foam end product.

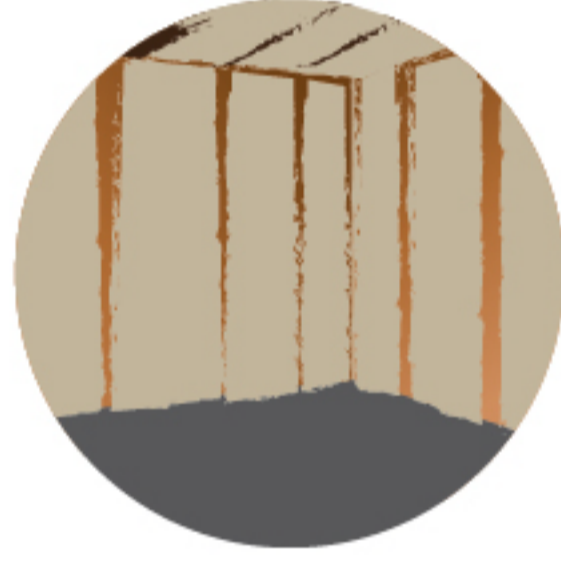


### BENEFITS OVER TRADITIONAL INSULATION

**Spray foam insulation offers improved comfort, air sealing and noise dampening qualities** while traditional insulation products can be more susceptible to water damage and less adaptable to filling uneven or curved surfaces.



### HOW IT'S USED

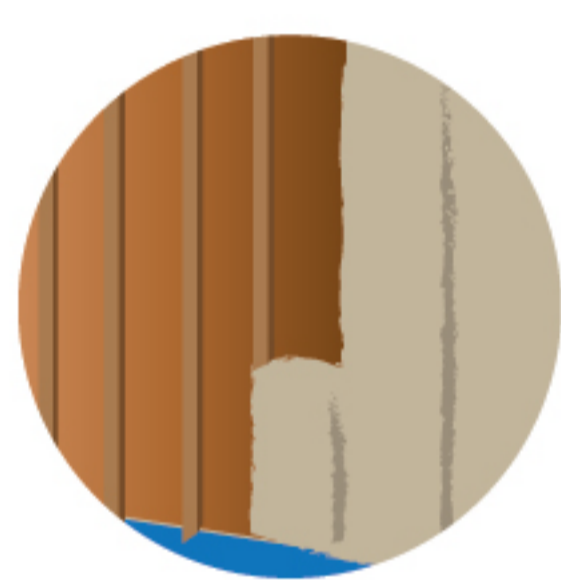


#### As Wall Insulation

Spray foam helps to improve energy efficiency by filling in gaps and cracks and limiting air loss.

#### In Attics

Spray foam can play a role in moisture management, help reduce the risk of ice dam formation and help limit air leakage via the attic.



#### In Crawlspace

In addition to reducing air leaks, spray foam helps to maintain even temperatures throughout the space where it is applied.

### WHERE IT'S USED

#### Residential Homes and Commercial Buildings

Spray foam helps improve indoor spaces allowing occupants to work, rest, and play in comfort.



#### Storage Tanks

It serves as insulation for tanks where a liquid requires a constant temperature.

#### Warehouses

Spray foam helps maintain a constant temperature in buildings where frozen foods or fresh produce are stored.

### ICYNENE SPRAY FOAM

Icynene spray foam insulation offers superior performance for both residential and commercial uses.

It reduces airflow leaks, which helps to reduce monthly heating and cooling costs. Icynene spray foam meets the American Society for Testing and Materials' air permeance standards.

Consult with an Icynene spray foam dealer for more information. Find your nearest licensed dealer by visiting [www.icynene.com](http://www.icynene.com)



#### SOURCES

[whysprayfoam.org/what-is-spray-foam/](http://whysprayfoam.org/what-is-spray-foam/)

[whysprayfoam.org/high-pressure-two-component-spray-polyurethane-foam/](http://whysprayfoam.org/high-pressure-two-component-spray-polyurethane-foam/)

[spraypolyurethane.org/Main-Menu-Category/Consumers/SPF-Insulation-Basics](http://spraypolyurethane.org/Main-Menu-Category/Consumers/SPF-Insulation-Basics)