

# WHY SPRAY FOAM FOR YOUR HOME?



**THE BEST SOLUTION  
FOR ANY SPACE.  
EVERY TIME.**

Whether you're building a new home or updating an existing one, Carlisle Spray Foam Insulation increases your home's energy efficiency, air quality, and most importantly, overall comfort. A home without updated insulation may allow more air to pass through walls, ceilings and floors. When this happens, the home is leaking more than air—it's **leaking money** in wasted utility costs.

## SPRAY FOAM INSULATION IS THE ANSWER

Spray polyurethane foam is the ideal material for insulating your home. Spray polyurethane foam helps reduce air and moisture intrusion, can reduce energy bills\*, strengthens the structure, and helps protect the internal air from pollutants and allergens.



**NUMBER  
ONE**  
in Comfort,  
Safety and  
Energy Savings

\* Savings vary. Find out why in the seller's fact sheet on R-values. Higher R-values mean greater insulating power. Actual savings may vary depending on type of home, weather conditions, occupant lifestyle, energy prices and other factors. No specific guaranty or warranty of energy or cost savings is being given and all such guarantees or warranties are expressly disclaimed.

[www.CarlisleSFI.com](http://www.CarlisleSFI.com)



# KEY BENEFITS OF USING CARLISLE SPRAY FOAM INSULATION

## 1 INCREASED HOME COMFORT

### ALL YEAR LONG

A tight thermal envelope eliminates hot and cold zones in your home, for comfortable temperatures year-round.

## 2 REDUCED HEATING AND COOLING COSTS

Homeowners typically notice an immediate savings from reducing heating and cooling costs by 25%-40%.

## 3 OUTSIDE NOISE REDUCTION

Open-cell foam delivers more efficient noise reduction compared to basic insulation.

## 4 IMPROVED AIR QUALITY

Our tight seal also works to block tiny pollen, dust, allergen and pollution particles from entering your home through cracks and crevices, thereby protecting your family and ensuring cleaner air.

## 5 STRONGER STRUCTURAL INTEGRITY

Closed-Cell spray foam Insulation will ensure your home's structural strength and integrity.

## BETTER INSULATION. LOWER ENERGY COSTS.

There are many areas in a home that leak air, and without the right insulation, the amount of leaked air will drive energy costs up. Carlisle Spray Foam Insulation controls air leakage better than traditional insulation materials by creating a tight thermal envelope around the entire home and **forming a precision fit seal in any crack, crevice or gap** to keep temperature-controlled air where it's supposed to be—indoors. You'll notice **lower heating and cooling costs**, improved air quality and noise reduction, plus a potentially higher home-sale value.

## SPRAY POLYURETHANE FOAM INSULATION:

- Provides a **seamless air barrier**
- Restricts moisture transmission
- Minimizes sound transmission
- Promotes better indoor air quality

## SEAMLESS AIR BARRIER

According to a 2005 National Institute of Standards and Technology (NIST) study,\* incorporating specific air-leakage prevention measures into design and construction can **reduce air leakage by up to 83%** and **energy consumption by up to 40%**.

In a home, air leakage can worsen problems with moisture, noise, dust, pollutants, insects and rodents. **Air leakage can account for 25%-40% of the energy used** to heat and cool a typical home. Spray foam insulation helps seal the thermal envelope of the home to create an optimal energy-efficient environment.

Be sure to reference the ASHRAE 90.1 standard for the minimum energy efficiency requirement for your new or renovated building project.

\*Investigation of the Impact of Commercial Building Envelope Airtightness on HVAC Energy Use, Authors: S. J. Emmerich; T. McDowell; W. Anis.

## **RESTRICT MOISTURE TRANSMISSION**

Moisture management is a critical concern in energy-efficient building design and construction. The unique characteristics of closed-cell spray foam insulation set it apart from all other insulation and waterproofing materials, delivering high R-value per inch, airtightness, low permeability, good material strength, and good “liquid water holdout,” or rain control.

Only closed-cell spray foam insulation is classified as an “acceptable flood-resistant material” by FEMA. “Flood-resistant material” is defined as a building material capable of withstanding direct and prolonged contact with floodwater without sustaining significant damage. Closed-cell foam is the only wall and ceiling insulation material classified as “acceptable.”



**40%**  
**REDUCTION**  
in energy  
usage

## **REDUCE SOUND TRANSMISSION**

When properly installed, spray-applied foam helps **reduce** air leaks and greatly reduces noise transmission through walls. Insulation in the attic and walls of a house can be part of a home solution that achieves lower than acceptable indoor noise limits, and exceeds noise attenuation standards required by local building codes.

## **IMPROVE INDOOR AIR QUALITY**

Spray polyurethane foam **improves** indoor air quality by limiting the transport of dust and pollen from outside. Spray polyurethane foam reduces drafts and air movement.

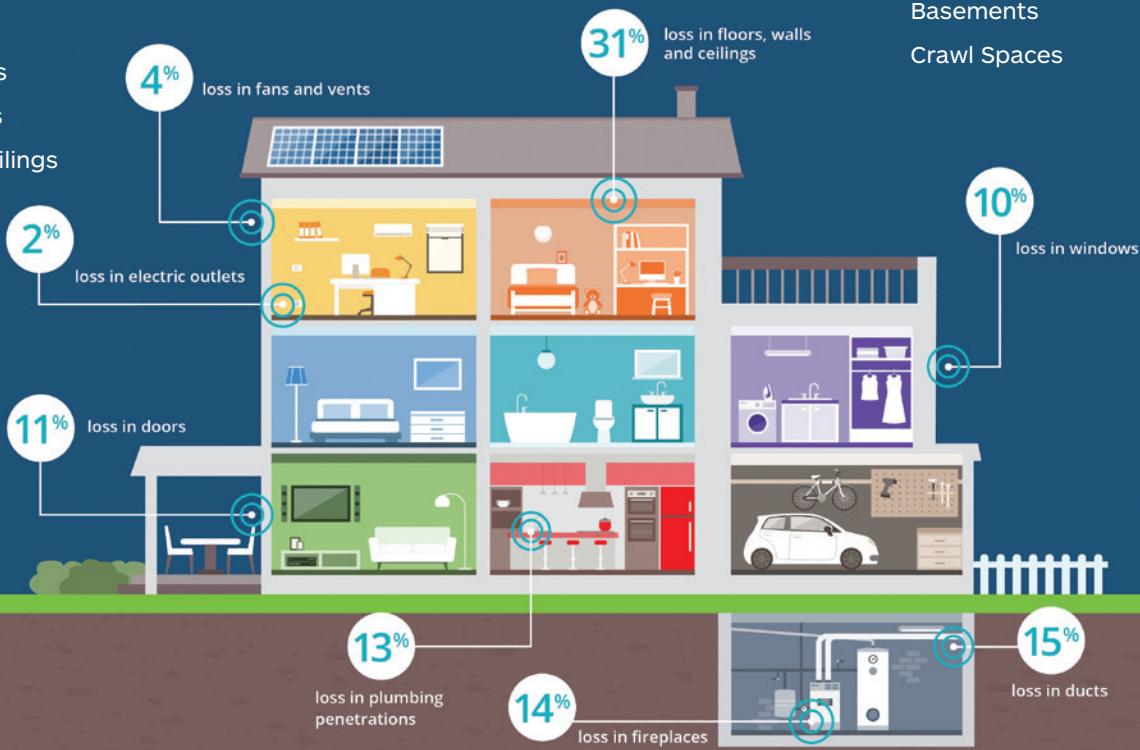
**83%**  
**REDUCTION**  
in air leakage

# EFFICIENCY. COMFORT. VALUE.

From floor to ceiling, find out where you can use Carlisle Spray Foam Insulation in your home.

## NEW CONSTRUCTION

- Attics
- External Walls
- Basements
- Bonus Rooms
- Crawl Spaces
- Cathedral Ceilings



## EXISTING HOMES OR REMODEL PROJECTS

- Attics
- Basements
- Crawl Spaces

## GET STARTED WITH SEALTITE PRO

**Carlisle Spray Foam Insulation** is committed to creating the highest-quality spray polyurethane products, and we deliver this through our SealTite PRO family of products. Every SealTite PRO formulation is thoroughly tested for consistent performance and backed by the most accurate technical data available.

Carlisle Spray Foam Insulation is a leading manufacturer of spray polyurethane foam systems in North America. Carlisle Spray Foam Insulation is a fully integrated spray foam insulation solution, backed by the technology resources—and grounded on the corporate stability—of a century-old icon in the building ecosystem—Carlisle Construction Materials.

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