

Why use Green Planet Spray Foam?



Green Planet Spray Foam Insulation, LLC. uses water based and environmentally friendly products.

Our foam has been going into homes since 1990, so it's been tested. If you are choosing Green Planet Spray Foam Insulation, LLC., it's because you want the best quality and price, but most importantly, you want a company that loves its product and what it will do for our customers.

At Green Planet Spray Foam Insulation, LLC. we work with our clients so they have no doubt they made the right choice. We are a full service company who strives for customer satisfaction.

Benefits of Spray Foam Insulation

- Stops air and moisture infiltration
- Makes your home more comfortable
- Saves on energy costs
- Adds strength to the building structure
- It is permanent and will not sag
- Keeps dust and pollen out
- Eliminates Ice Daming
- Improves Air Quality
- Reduces capacity requirements, maintenance and wear of HVAC equipment
- Meets all building codes

Call us for your **FREE ESTIMATE** and start saving on heating and cooling costs today!



Green Planet
Spray Foam Insulation LLC.
245 Bee Hole Road
Loudon, NH 03307

SAVING 40% TO 50% ON HEATING AND COOLING COSTS!

Saving 40% to 50% on Heating and Cooling Costs!





barrier are established with more efficient insulation value. Structural strength, reduction in pests infiltrating stud cavities, fully cured in 4 hours so no fumes, no shrinking, all add to the control of the home envelope and add to your homes value.

The Crucial Role of Thermal Insulation

Inadequate insulation and air leakage are the leading causes of energy waste in most homes. Insulation and especially “Spray Foam Insulation” saves money and reduces our nations dependence on our consumption of foreign oil. It also reduces the pollutants put into the atmosphere and potentially can reduce “Global Temperature Increase”.



the living habits of your family, the type and efficiency of your heating and cooling plant, as well as the type of fuel you use. Once the Spray Foam Insulation has paid for itself in

Why Green Planet's the Better Choice for Home Insulation

Building the Energy Efficient Envelope

In response to the demand for more energy efficient, durable and healthier homes builders and designers have turned to a more innovative system, Spray Foam, to create a superior building envelope. By controlling the building envelope a home owner can control the four essential construction elements that distinguish an energy efficient, safe home from the rest. These four elements are indoor air quality, moisture control, operational heating and cooling costs, and durability and longevity of the investment. The control of the building envelope allows the homeowner to control his or her own environment. That ability begins with a solid, airtight shell. Build it tight and insulate right!

Water, Air and Moisture Barriers

Imperfections in buildings are the cause for the invasion of water, air and moisture

into your home. The application of spray foam can eliminate the intrusion of water, air and moisture. Airflow carries moisture which impacts the indoor environment. Movement of moist air into the building envelope is driven by temperature and pressure changes. Hot moist days drive air out of the wall of a house and then the cooling of the walls at night pull moist air into those wall spaces. This allows for pathogens and allergens to grow in the stud cavities. This moisture has proven to reduce the insulation ability of fibrous (fiber glass) or large open cell insulation by up to 50%. It is also possible for this moisture to affect the structural integrity of the building. Spray foam in framed walls will significantly simplify the construction process by performing multiple roles in the building envelope with one application.

Spray foam has been proven that in one application an air infiltration and vapor

Additionally it can make your home more comfortable by helping to maintain a uniform temperature throughout the house. Walls, ceilings and floors will be warmer in the winter and cooler in the summer. Another benefit of “Spray Foam Insulation” is the sound and moisture barrier it provides.

It is possible to add “Spray Foam Insulation” to almost any home. For example, under the floor of unheated spaces, unfinished attics, around leaky foundations, crawl spaces, or directly to the exterior of concrete foundations when building a new home. It is important to choose the right amount of insulation and have it installed correctly. Green Planet Spray Foam Insulation, LLC. can help you do that!

The amount of energy you will conserve will depend on several factors: your local climate and exposure to winds and sun. The size, shape, and construction of your home,

energy savings, all future energy savings will be to the benefit of the homeowner. If energy costs continue to go up, the lifetime savings will continue to rise as well.

The r-value myth

What would the R-value of insulation be after it has been submersed in water or had a 20 mile per hour wind blowing through it? Obviously the “Effective” R-value of fiber insulation would go to zero, but Spray Foam Insulation would be largely unaffected. R-values are “funny” numbers but the standard established by the building industry. The important thing to remember is, the r-value you need with spray foam is what you get. With other insulation, you don't know what you're getting. - David B. South

About our Product - Freedom Foam



Freedom Foam is the most technologically advanced, patented, closed cell spray foam insulation available today. The fluorocarbon blowing agent, HFC-245fa (pentafluoropropane) typically used in manufacturing closed cell foam has been replaced by water.

The Benefits of Freedom Foam:

- **Safer** - Since Freedom Foam is as stable at 100°F as it is at 50°F, constant cooling isn't required as it is with other foam sprays

US Department of Energy National Laboratory System				
	R-Value Per Inch	Efficiency Rating	Equivalent R-Value at 3.5" of Insulation	Collects Moisture
Fiberglass Insulation	3.2	32%	11.2	Yes
Cellulose Insulation	3.5	34%	12.74	Yes
Closed Cell Foam	6	92%	63.7	No

- **Environmentally Friendly** - By using water rather than the typical blowing agent, our spray foam is better for the environment
- **Contractor Friendly** - Less gun clogs, more control over reaction speed and smaller equipment allow for better application and less coating
- **Free of harmful emissions** - No VOC's, CFC's, HFC's, HCFC's, or formaldehyde
- **Constant R-Value** - Freedom Foam has an R-Value of 6 that remains constant for the life of your home

By using Green Planet Spray Foam, you are doing your part for future generations. You are investing in your home, your health and the earth... for our children and our children's children. Not only will it help slow the effects of global warming, but it would also help the US economy. That 40% to 50% of your heating and cooling cost that normally would be spent supporting fossil fuels overseas will stay in America supporting your local economy. Can you imagine the impact it would have if every home in your neighborhood, your town, or the state had an extra 40% to 50% of their heating and cooling cost to spend or save? Let's not forget what it would do toward reducing our footprint on the earth. A win win situation for America.



To schedule your free estimate call us today at **603-267-8850**