

Spray Foam Insulation



**INSULATE FOR MAXIMUM
ENERGY SAVINGS & VALUE**

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Expand The Comfort Zone



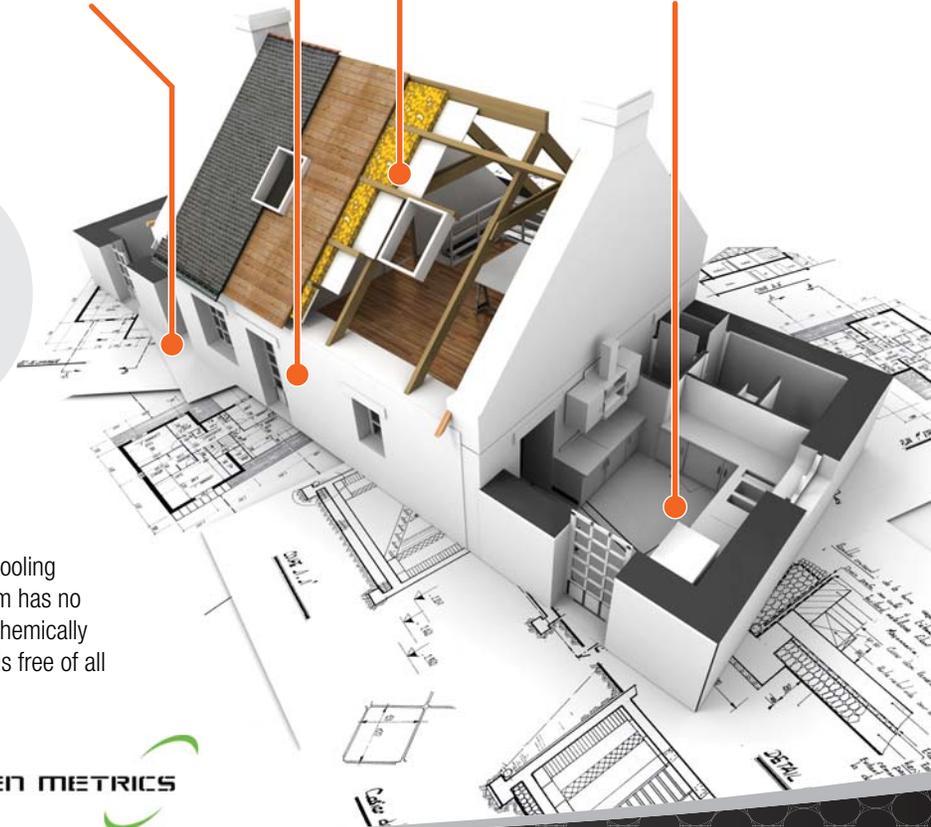
Spray foam insulation starts to pay for itself the day it's installed. In most cases the energy savings from the insulation exceeds the additional cost of the product.

ATTICS & CATHEDRAL CEILINGS

PERIMETER WALLS

EXTERIOR BELOW GRADE

BASEMENTS & CRAWLSPACES



INSULATE FOR ENERGY SAVINGS

UP TO 50% REDUCTION IN HEATING AND COOLING COSTS

Whether it is whole home insulation, retro-fitting an existing attic or spraying foam in a basement, all solutions have a dramatic effect on your monthly energy consumption. Homeowners who have chosen spray foam insulation typically see impressive reductions in their heating and cooling bills – up to 50 percent savings over similar homes insulated with fiberglass.

A HEALTHIER HOME

IDEAL FOR A HEALTHY INDOOR ENVIRONMENT

According to the EPA (Environmental Protection Agency), indoor air quality is a major concern. Spray foam insulation battles this problem in two ways. Foam insulation is devoid of emissions and contaminants, it also helps eliminate infiltration of dangerous mold, dust, bugs, and allergens that can harm your family. This is good news for people suffering from asthma, allergies and other respiratory ailments.

CREATE AN AIR-TIGHT HOME

SPRAY FOAM INSULATION MINIMIZES DRAFTS

Spray foam insulation is spray applied to fill cavities of any shape offering a continuous air barrier and it stays in place. Because conventional insulation does not directly bond to the substrate, the chance of the insulation material sagging overtime is high. If conventional insulation is not properly installed around irregular framing areas or it sags in the wall cavity, voids of 1-2% can lower the effective R-value of traditional insulation materials by 25-40%.

ENVIRONMENTAL BENEFITS

DEVOID OF EMISSIONS AND CONTAMINANTS

Spray foam insulation may be the best thing for the environment. It emits no CO₂ of its own while it reduces heating and cooling related emissions by about 50% for new construction and by even more in certain retrofit situations. The use of spray foam has no negative impact on the ozone or your living environment. Once spray foam has cured and is in place, the final product is chemically inert and contains no health risks. Unlike more traditional methods of insulation in today's markets, spray foam insulation is free of all HFAs, HCFCs, HFCs, and formaldehyde.



GREEN METRICS

COMPARE

FOAM INSULATION IS THE ONLY SENSIBLE OPTION

When it comes to insulation no competing product can compare to the features of spray foam. Traditional insulation like fiberglass was developed more than half a century ago to provide a single benefit: R-value (stopping heat flow by means of conduction). In those days, little thought was devoted to environmental or health impact. Obviously building science has developed tremendously over the last 50 years, culminating in the perfection of foam insulation as the only sensible option for today's challenges.

Using spray foam insulation to insulate your home or business can contribute significantly to reducing the environmental stress faced by the world today. Spray foam insulation ensures that your home will maintain the highest standards of energy efficiency and as a result, reduce the carbon emissions produced by the burning of fossil fuels needed to heat and cool most buildings.

EFFECTIVELY MINIMIZES AIRBORNE SOUNDS

Traffic, neighborhood activities, and plumbing runs can be the sources of annoying sounds – the unwanted noises that can invade living spaces, hindering comfort and enjoyment. These sounds most commonly travel through the air. By sealing the building envelope, spray foam effectively minimizes airborne sounds.

Why Choose Spray Foam over Fiberglass Batt?

FIBERGLASS BATT	SPRAY FOAM INSULATION
Allows air to pass through	Creates an airtight seal
Does not expand; allows gaps for air and moisture intrusion	Expands to seal and insulate cavities, cracks and crevices
Can allow moisture entry	Repels/deflects water
Compresses easily, possibility of cold spots, voids or settling losing insulating value	Will not compress, settle, shrink or sag; delivers a more consistent, long-term R-value
Does not provide structural reinforcement	Adds strength and rigidity to the wall assembly

ADVANTAGES

- ✓ *Reduces heating and cooling costs up to 50%*
- ✓ *Seamless, maintenance-free air barrier*
- ✓ *Helps prevent mold and moisture*
- ✓ *Highest R-Value per inch*
- ✓ *Does not shrink, settle or sag*
- ✓ *Provides a healthy living environment*
- ✓ *Incorporates zero ozone-depleting blowing agent*
- ✓ *Installed by a certified & licensed applicator*
- ✓ *Conforms to CAN/ULC S705.1 and S705.2 standards*

PINNACLE
WEST INC



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