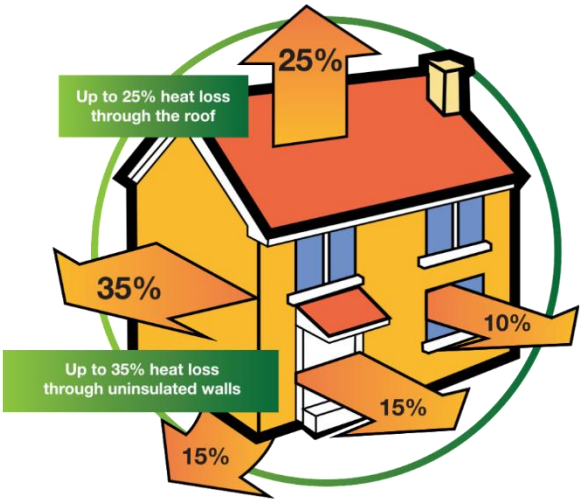
SPRAY FOAM BENEFITS

INSUALTE FOR MAXIMUM ENERGY SAVINGS AND VALUE



60% of heat loss is through walls and roof. Spray foam insulation is a good investment.
According to the Appraisal Journal, every $1 decrease in energy costs results in a $10 to $25 increase in home values. Reducing a utility bill by $1,200 a year translates into a $12,000 to $30,000 increase in property value.

PROPER INSTALLATION IS THE KEY

We are experienced professionals

- Certified and licensed installers **(see below)**
- Committed to the project and the customer
- Diligent about safety
- Proud to maintain top-quality equipment

We use a 28-point check list every day, on every job. It is filed with the manufacturer. Ecotite certificate is left with the client as further assurance of quality and warranty.

ADVANTAGES

- ✓ Reduces heating and cooling costs by 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

LOWER ENERGY CONSUMPTION

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. Typical applications may see a result of 50% reduction in heating and cooling costs. Important to note, is not only will a great reduction in energy consumption be produced, a vast reduction in your carbon emissions will also be seen in correspondence with the reduction of energy usage.

MOISTURE CONTROL

In walls or ceilings insulated with porous insulating materials such as fiberglass, a poly vapor retarder is usually installed on the warm side of the insulation (that is, on the inside in heating climates and on the outside in cooling climates) to prevent condensed moisture from wetting the insulation. But because foam itself is resistant to water vapor, it may be possible to omit this added step. The question of whether to install a separate vapor retarder will depend partly on the specific foam you choose and partly on your local building inspector.

Arctic Insulation
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Why Choose Spray Foam over Fiberglass Batt?

FIBERGLASS BATT	*SPRAY FOAM*
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/deflect water
Compresses easily, possibility of cols 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

AIR INFILTRATION

There are important differences to note between spray foam insulation systems and conventional insulation materials. The primary characteristic is that spray foam does not sag, settle, or shrink over time. 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%.

SOUND CONTROL

Sound waves are transmitted by different media, including air. The most drastic noise dampening occurs when the home or building is completely airtight. The super soft nature of open cell foam insulation not only provides an extraordinary air seal but also absorbs secondary reverberations for excellent sound dampening properties.

ENVIRONMENTAL BENEFITS

Spray foam insulation may be the best thing for the environment in an array of environmentally-friendly products. It emits no CO2 of its own while it reduces heating and cooling related emissions by about 50% for new constructions and by even more in certain retrofit situations. Foam insulation will last for the life of the building, and will deliver peak performance. No formaldehyde, no ozone-depleting ingredients and no emissions of any kind - environmentally friendly.

INDOOR AIR QUALITY

Foam insulation is devoid of emissions and contaminants. It also nearly eliminates all unwanted moisture intrusion and related mold issues. This is also good news for people suffering from asthma, allergies and other respiratory ailments. Unlike more traditional methods of insulation in today's markets, spray foam insulation is free of all HFAs, HCFCs, HFCs, and formaldehyde. Once spray foam has cured and is in place, the final product is chemically dead and contains no health risks.

ATTIC INSULATION

ENERGY SAVING

WALL INSULATION

LOWER CARBON FOOTPRINT

SLAB INSULATION

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