

SPRAYTITE®

Residential Insulation and Air Barrier



Improve the comfort, durability and energy efficiency of your home

Your home is your castle. It's where your family lives its life. You want it to be comfortable, safe and healthy, as well as durable and strong to keep you safe from storms. And let's face it, you'd rather spend your money on anything but big energy bills.

That's why there's SPRAYTITE® insulation. It can give your home all of these benefits and more with a single installation¹.

The price of energy seems to be rising almost every day, but you can do something about it

The United States Department of Energy estimates that up to 40 percent of the cost of heating and cooling the average home is wasted on uncontrolled air leakage – a phenomenon that causes the air you pay to heat and cool to leave your house through gaps, cracks and holes in the building envelope or outer shell. Air can go straight through glass fiber and cellulose, but it can't go through SPRAYTITE insulation – a closed-cell polyurethane foam – which has been engineered to combine superior insulation performance and complete air leakage control.

How can I tell if a house has uncontrolled air leakage?

Look for the following signs:

- Cold drafts
- Hard-to-heat rooms
- Dark stains on the edges of the carpet near the baseboard
- Windows that always seems to have condensation on them
- Musty odors or signs of mold
- Giant icicles hanging from the eaves
- Indoor environment is too humid or too dry

SPRAYTITE® insulation and air barrier virtually eliminates uncontrolled air leakage

Set your thermostat and think about more important things. In addition to increasing energy efficiency, SPRAYTITE technology helps improve:

- Comfort – stops drafts and provides control over temperature and humidity levels
- Health – improves indoor air quality by stopping the entry of moisture, pollutants, allergens and even small pests²
- Safety – controls moisture movement to help prevent mold and mildew
- Durability – improves structural strength in high winds³
- Flood resistance – can withstand direct contact with flood waters for at least 72 hours without damage⁴
- Environmental responsibility – contains no formaldehyde, does not emit volatile organic compounds and uses ZONE3® zero-ozone-depleting technology



Compare SPRAYTITE technology with traditional insulation materials

Criteria	SPRAYTITE®	Glass Fiber	Wool	Blown Cellulose	Open-Cell Foam
R-value per inch ⁵	6.6 ⁶	3.0	3.5	3.0	3.5
Approved Air Barrier System	Yes at 1.5-inch thickness	No	No	No	Yes at 5.5-inch thickness
Seamless Construction	Yes	No	No	No	Yes
Rigid	Yes	No	No	No	No
Fully Adhered	Yes	No	No	No	Yes
Adds Structural Strength	Yes	No	No	No	No
Long Service Life	Yes	No	No	No	Yes
Absorbs Water	<4% v/v	Yes	Yes	Yes	>40% v/v
Allows Moisture Vapor In	No	Yes	Yes	Yes	Yes

We don't make your home, we make your home better.

This fact sheet complies with the Federal Trade Commission labeling and advertising of home insulation rules and regulations, Federal Register, 16 CFR Part 460 Labeling and Advertising of Home Insulation: Trade Regulation Rule; Final Rule, Tuesday, May 31, 2005.

¹ Savings vary. Find out why in the seller's fact sheet on R-values. Higher R-values mean greater insulating power.

² Both the Environmental Protection Agency and the American Lung Association recommend that houses be built airtight to improve indoor air quality.

³ Studies performed by the National Association of Home Builders (NAHB).

⁴ The Federal Emergency Management Agency (FEMA) approves closed-cell foams like SPRAYTITE for flood-prone regions.

⁵ ASHRAE 2005 Handbook, Chapter 25, Table 4 – Thermal Properties.

⁶ R means resistance to heat flow. The higher the R-value, the greater the insulating power.

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