



Improve the  
comfort, durability  
and energy efficiency  
of your home

Helping Make  
Buildings Better™

 **BASF**

The Chemical Company

BASF Polyurethane  
Foam Enterprises LLC

# SPRAYTITE®

Residential Insulation and Air Barrier



Your home is your castle.  
It's where your family lives its life.  
You want it to be comfortable, safe,  
durable and strong.

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

It is estimated that almost half of the cost of  
heating and cooling the average home is  
wasted on uncontrolled air leakage. SPRAYTITE  
Insulation, a closed cell foam, is engineered  
to combine superior insulation performance  
and complete air leakage control. It can help  
lower energy bills and make your home stronger  
and more comfortable.

## Compare SPRAYTITE® insulation with traditional insulation materials

Criteria	SPRAYTITE®	Glass Fiber	Wool	Blown Cellulose	Open-Cell Foam
R-Value <sup>4</sup>	6.0	3.0	3.5	3.0	3.5
Approved Air Barrier System	Yes at 1-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

## 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 seem to have condensation on them
- Musty odors or other signs of mold
- Giant icicles hanging from the eaves
- Indoor environment is too humid or too dry

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

## Set your thermostat and think about more important things. In addition to increasing energy efficiency, SPRAYTITE® insulation 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 pests<sup>1</sup>
- **Safety** – controls moisture movement to help prevent mold and mildew
- **Durability** – improves structural strength in high winds<sup>2</sup>
- **Flood resistance** – can withstand direct contact with flood waters for at least 72 hours without damage<sup>3</sup>
- **Environmental responsibility** – contains no formaldehyde, does not emit volatile organic compounds and uses ZONE3® zero-ozone-depleting technology



### **BASF Polyurethane Foam Enterprises LLC**

13630 Watertower Circle  
Minneapolis, MN 55441  
Phone: 1-888-900-FOAM  
Fax: 713-383-4592  
[www.basf-pfe.com/residential](http://www.basf-pfe.com/residential)  
[spinfo@basf.com](mailto:spinfo@basf.com)

<sup>1</sup> Both the Environmental Protection Agency and the American Lung Association recommend that houses be built airtight to improve indoor air quality.

<sup>2</sup> Studies performed by the National Association of Home Builders (NAHB).

<sup>3</sup> The Federal Emergency Management Agency (FEMA) approves closed-cell foams like SPRAYTITE for flood-prone regions.

<sup>4</sup> ASHRAE 2005 Handbook, Chapter 25, Table 4 – Thermal Properties.

This Fact Sheet complies with the Federal Trade Commission labeling and advertising of home insulation rules and regulations, Federal Register, Monday, Aug. 27, 1979.

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