



# FOAMSULATE™ 50

## OPEN CELL 0.5 LB SPRAY FOAM



**FOAMSULATE™ 50** is our 0.5 LB density **open cell** spray foam. A cost effective combination of R-value and air infiltration control within a spray foam application.

### Control the Air

To create an energy efficient structure you need to control the air movement within. Roughly one third of the air inside a structure infiltrates through the walls, ceilings and floors. A structure that leaks is not energy efficient. Adding an advanced insulation system like **FOAMSULATE™ 50** will help you control the air leakage. When properly installed by an authorized contractor **FOAMSULATE™ 50** will quickly expand to fill those common air infiltration areas like cracks, crevices, gaps and voids that exist in every structure. In addition **FOAMSULATE™ 50** will conform to the curves, irregular surfaces and spaces to form a superior thermal envelope around your entire structure.

### R-Value

Typical r-value tests will measure only one component of the heat transfer process – Conduction (transfer of heat by direct contact). R-value alone does not properly reflect the insulating power of spray foam. When you combine the high R-value per inch of **FOAMSULATE™ 50** along with its extremely low air infiltration properties you can achieve a thermal envelope that is superior to more traditional forms of insulation.

### Reduce Heating and Cooling Costs

What is the major reason you invest in a superior insulation system like **FOAMSULATE™ 50**? **To reduce heating and cooling costs!** A properly installed **FOAMSULATE™ 50** insulation system will generate long term savings of 40% or more on your heating and cooling costs over traditional insulation methods.



### KEY PHYSICAL PROPERTIES

R-VALUE (Aged) <b>3.7 / Inch</b>	DENSITY <b>0.5 PCF</b>	STC RATING <b>42</b>	OPEN CELL CONTENT <b>&gt;97%</b>
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### Premium Spray Products

At Premium Spray Products we are dedicated to providing quality products that add true value through long term performance and ease of use.

We manufacture a variety of Spray Polyurethane Foam products and protective coatings that are used in both the residential and commercial markets. Our Spray Polyurethane Foam is manufactured for a variety of uses that include residential and commercial building insulation, exterior roofing and poured in place foam for industrial applications.

All polyurethane chemical systems are not created equal. The chemistry makes a big difference. Our formulations are carefully designed to provide our customers with systems that are superior in their processing and application performance.

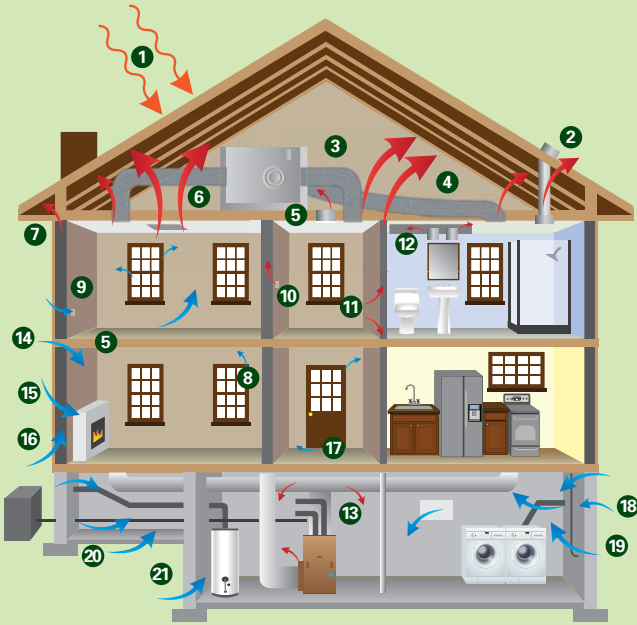
Homeowners, building owners and end users demand performance that includes affordability, reliability, comfort and ease of use. At Premium Spray Products, Inc. we meet these demands through a daily commitment to quality, technology, service and support for our valued customers.



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## Experience the Premium Difference



### Control the Air!!!

These are some of the many areas of a home that air will infiltrate. Foamsulate™ 50 applied by one of our authorized applicators will solve these problems.

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| 1 Radiant heat and cold  | 12 Dropped soffits                         |
| 2 Roof penetrations like plumbing vent stacks and exhaust fans | 13 Plumbing penetrations, pipe & duct runs |
| 3 Uninsulated ducts  | 14 Band boards between floors              |
| 4 Leaking ducts  | 15 Fireplaces and chimneys                 |
| 5 Recessed lights  | 16 Sill plates                             |
| 6 Attic hatch/stairs   | 17 Door framing                            |
| 7 Wall top plates  | 18 Appliance vents                         |
| 8 Window framing   | 19 Outdoor faucets                         |
| 9 Electrical wall outlets                                      | 20 Crawl spaces                            |
| 10 Wall light switches   | 21 Uninsulated basement walls              |
| 11 Unsealed chases between floors                              |  |

### Superior Performance and Long Term Value

- Reduce heating and cooling costs by 40% or more.
- Great combination of R-value and reduction of air infiltration.
- **FOAMSULATE™ 50** will not sag or settle over the lifetime of your structure.

### Improve Air Quality and Overall Comfort

- **FOAMSULATE™ 50** will expand to fill all those cracks and crevices to greatly reduce air infiltration.
- Less air infiltration means those pollutants, dust, allergens, etc. will stay where they belong – OUTSIDE!
- **FOAMSULATE™ 50** will not support the growth of mold or mildew
- By controlling the air infiltration you will experience a consistent comfort in your home – no more hot and cold zones!
- Enjoy the noise reduction qualities of open cell foam.

### The Environment

- **FOAMSULATE™ 50** has Zero Ozone depleting blowing agents.
- Low odor and VOC formulation.
- **FOAMSULATE™ 50** uses polyols that contain soy oil, corn oil, castor oil and/or sugar. These are rapidly renewable materials designed for minimum environmental impact as well as performance, competitive pricing and stability of supply.
- At Premium we will always strive to utilize the latest environmentally sensitive technologies in our manufacturing process. We use recycled and renewable raw materials whenever possible while maintaining a product line that provides excellent performance and value.

### Doing It Right

- We strive for **Premium Service** and **Attention to Customer Satisfaction**.
- Premium Spray Products has developed an excellent reputation within the industry for our formulations. Our daily focus on continual improvement drives this success.
- Our products are applied by trained and authorized contractors.
- We offer more than the traditional class room training. Our technical staff will provide job site hands on training for our authorized installers.

Your Local Authorized Contractor



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