Polyurethane Foam Insulation

Open Cell Spray Foam Insulation - Foamsulate™ 50
Light Density
Foamsulate 50 is a low viscosity, 0.5 pcf density open cell insulating material. Foamsulate 50 is designed to provide significant control of air infiltration along with a high R-value per inch. GENERAL PROPERTIES:
Foamsulate™ 50 is a low viscosity, 0.5 LB density open cell insulating material. Foamsulate™ 50 is designed to provide significant control of air infiltration along with a high R-value per inch. When properly installed by a trained contractor Foamsulate™ 50 quickly expands to fill the 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.

**SPECS**

**Open Cell Spray Foam Insulation - Foamsulate™ 50 N-IB**

**Light Density**

Foamsulate 50 N-IB meets the requirements of ICC-ES AC377 and Appendix X for use in attics and crawlspaces without the use of a prescriptive ignition barrier. Foamsulate 50 N-IB is a low viscosity, 0.5 pcf density open cell insulating material.

**SPECS**
Closed Cell Spray Foam Insulation - Foamsulate™ 210

Medium Density
Foamsulate™ 210 is a two-component, medium density, one to one by volume spray applied polyurethane foam. To produce Foamsulate™ 210 requires the use of an "A" component (ISO) and a blended "B" component (RESIN) which contains ZERO Ozone Depleting blowing agents, catalysts, polyols and fire retarding materials.

GENERAL PROPERTIES:
Foamsulate™ 210 is a 2.0 LB density closed cell insulating material. Foamsulate™ 210 is designed for use where insulation systems require superior air barrier characteristics along with the ability to minimize moisture infiltration. Foamsulate™ 210 has a 6.8 per inch R-value rating while providing structural enhancement due to its rigid nature when cured. When properly installed by a trained contractor Foamsulate™ 210 quickly expands to fill the cracks, crevices, gaps and voids that exist in every structure. In addition Foamsulate™ 210 will conform to the curves, irregular surfaces and spaces to form a superior thermal envelope around your entire structure.

SPECS
Closed Cell Spray Foam Insulation - Foamsulate™ 220
Medium Density
Foamsulate 220 has a 7.0 per inch R-value rating while providing structural enhancement due to its semi-rigid nature when cured. Foamsulate 220 is a 2.0 pcf density closed cell insulating material.

SPECS
Medium Density
Foamsulate 600 is a 6.0 pcf density closed cell insulating material. This system is popular for use in the agricultural, livestock and poultry industries.

SPECS

Closed Cell Spray Foam Insulation - Foamsulate™ 1000
Medium Density
Foamsulate 1000 is our highest density insulating system we offer. Like Foamsulate 600 this system is popular for use in the agricultural, livestock and poultry industries.

SPECS
Closed Cell Spray Foam Roofing - PREMISEAL™ 250

PREMISEAL™ 250 is a two-component one to one by volume, spray applied polyurethane foam. The PREMISEAL™ 250 liquid "A" component (ISO) and "B" component (Resin) are mixed through specialized proportioning spray equipment to produce a fast curing rigid foam plastic insulation. PREMISEAL™ 250 utilizes an EPA approved zero ozone depleting blowing agent.

Closed Cell Spray Foam Roofing Properties
PREMISEAL™ 250 is a nominal 2.5lb/cu ft. density closed cell polyurethane foam roofing system intended for use by qualified contractors trained in the processing and application of spray polyurethane foam. PREMISEAL™ 250 provides a superior R-value of 6.3 per inch and a continuous insulation without thermal breaks. The PREMISEAL™ Roofing system provides excellent self-adhering qualities with superior wind uplift, is self-flashing, seamless and with its closed cell nature provides a durable leak resistant roofing system. Its superior strength provides excellent resistance to foot traffic and abuses. The PREMISEAL™ 250
Polyurethane Foam Roofing - Premiseal™ 280
PREMISEAL™ 280 is a two-component one to one by volume, spray applied polyurethane foam. The PREMISEAL™ 280 liquid "A" component (ISO) and "B" component (Resin) are mixed through specialized proportioning spray equipment to produce a fast curing rigid foam plastic insulation. PREMISEAL™ 280 utilizes an EPA approved zero ozone depleting blowing agent.

Polyurethane Foam Roofing Properties
PREMISEAL™ 280 is a nominal 2.8lb/cu ft. density closed cell polyurethane foam roofing system intended for use by qualified contractors trained in the processing and application of spray polyurethane foam. PREMISEAL™ 280 provides a superior R-value of 6.3 per inch and a continuous insulation without thermal breaks. The PREMISEAL™ Roofing system provides excellent self-adhering qualities with superior wind uplift, is self-flashing, seamless and with its closed cell nature provides a durable leak resistant roofing system. Its superior strength provides excellent resistance to foot traffic and abuses. The PREMISEAL™ 280 roofing system can be used in most retrofit or new construction applications.
Polyurethane Roofing Insulation - PREMISEAL™ 300

PREMISEAL™ 300 is a two-component one to one by volume, spray applied polyurethane foam. The PREMISEAL™ 300 liquid "A" component (ISO) and "B" component (Resin) are mixed through specialized proportioning spray equipment to produce a fast curing rigid foam plastic insulation. PREMISEAL™ 300 utilizes an EPA approved zero ozone depleting blowing agent.

Polyurethane Roofing Insulation Properties

PREMISEAL™ 300 is a nominal 3.0lb/cu ft. density closed cell polyurethane foam roofing system intended for use by qualified contractors trained in the processing and application of spray polyurethane foam. PREMISEAL™ 300 provides a superior R-value of 6.3 per inch and a continuous insulation without thermal breaks. The PREMISEAL™ Roofing system provides excellent self-adhering qualities with superior wind uplift, is self-flashing, seamless and with its closed cell nature provides a durable leak resistant roofing system. Its superior strength provides excellent resistance to foot traffic and abuses. The PREMISEAL™ 300 roofing system can be used in most retrofit or new construction applications.
FOAMSULATE™ 210 is our 2.0 LB density closed cell spray foam. A superior insulation product that provides a complete air and vapor barrier with maximum R-value!

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™ 210 will do more than control the leakage – when applied at 2” or greater it is both an air and vapor barrier! When properly installed by an authorized contractor, FOAMSULATE™ 210 quickly expands to fill the cracks, crevices, gaps and voids that exist in every structure. In addition FOAMSULATE™ 210 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™ 210 along with its ability to stop air infiltration 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™ 210? To reduce heating and cooling costs! A properly installed FOAMSULATE™ 210 insulation system will generate long term savings of 40% or more on your heating and cooling costs over traditional insulation methods.

**KEY PHYSICAL PROPERTIES**

<table>
<thead>
<tr>
<th>R-VALUE (Aged)</th>
<th>DENSITY</th>
<th>AIR LEAKAGE RATE</th>
<th>CLOSED CELL CONTENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.7 at 4”+</td>
<td>2.0 PCF</td>
<td>&lt;0.003 L/m²</td>
<td>&gt;90%</td>
</tr>
</tbody>
</table>

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 coated 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.