Roofing

Molded Polystyrene Insulation.

Foam-Control® roofing insulation is a cost-effective, durable and energy efficient solution for roof insulation. Foam-Control insulation is compatible with all major roofing materials and assemblies.

- Cost effective roof insulation
- R-value that never changes and is stable over time
- Range of compressive strength available
- Closed cell insulation with superior moisture resistance
- Meets code requirements for direct-to-deck application

Proven to meet, or exceed, building codes.

Foam-Control is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ERI1812-01. Foam-Control meets ASTM C578, “Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation”.

Tapered Insulation.

Foam-Control Tapered insulation provides the drainage and insulation necessary under all commercial roofing systems.

Foam-Control Tapered insulation is offered in a one-layer, integral compound system or modular format, both offering optimum design flexibility for the architect and saves the roofer/applicator time and labor. Also, pre-engineered factory cut cricket and saddle systems provide effective and economical drainage on structurally sloped roof decks.

Strength/R-value.

<table>
<thead>
<tr>
<th>Foam-Control Strength1, psi</th>
<th>Compressive Strength1, psi</th>
<th>R-value/6°F2</th>
<th>R-value/4°F2</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>10</td>
<td>3.9</td>
<td>4.2</td>
</tr>
<tr>
<td>130</td>
<td>13</td>
<td>3.9</td>
<td>4.3</td>
</tr>
<tr>
<td>150</td>
<td>15</td>
<td>4.2</td>
<td>4.6</td>
</tr>
</tbody>
</table>

1 Compressive strength @ 10% deformation.
2 R-value units are °F·ft·h/By. 
3 Recommended for design in WARM climates.
4 Recommended for design in COLD climates.

Foam-Control is available in a wide range of R-values and thicknesses to meet your needs. Product thicknesses are provided in the Foam-Control Thickness Selector. Project requirements vary, so Foam-Control can be ordered in any R-value thicknesses to meet your needs.

**FOAM FACTS:**

**Foam-Control outperforms XPS.**

- Foam-Control provides a stable long-term R-value at a lower cost
- Foam-Control uses a blowing agent with 10 x lower global warming potential and 10,000 x lower ozone depletion
- Foam-Control meets strength requirements at a lower cost
- Foam-Control and XPS have resistance to moisture, but Foam-Control has a higher vapor permeance leading to superior drying potential
Performance Value.

When you consider all performance characteristics and cost, Foam-Control is your best choice for foam insulation.

Foam-Control has air in its closed cells and therefore has a stable R-value. Many other insulations use blowing agents that cause R-value loss and are harmful to the environment.

Foam-Control has compressive strength to meet specific project requirements.

Foam-Control is manufactured to resist moisture absorption in wetting conditions and release absorbed moisture quickly during drying periods, which means Foam-Control maintains R-value.

Termite Resistant - Perform Guard®

One of the most destructive forces anywhere is termites. Foam-Control can be manufactured with Perform Guard, a proven and safe additive, that effectively resists termites.

Foam-Control with Perform Guard meets ICC ES AC239, “Acceptance Criteria for Termite-Resistant Foam Plastics”.

Recyclable.

After it’s life as a building insulation, Foam-Control is 100% recyclable. It can be ground into granules and reincorporated into new Foam-Control products or it can be thermally processed into a resin that’s used to manufacture other new products.

Ready to take control? Start here.

If you’re ready to have Foam-Control contribute to your next project, just contact your nearest Foam-Control manufacturer and Technical Sales Representative. They will be happy to give you design consultation, information about Foam-Control products, pricing, and answers to all of your questions.