Polyiso Roof Assemblies

An architectural insulation like no other®.

Foam-Control® PLUS+® is an architectural insulation product line with high compressive strength, stable R-value, and superior moisture resistance. Foam-Control PLUS+ is a premium grade insulation manufactured to provide architects, specifiers, distributors, and contractors all the features and benefits inherent in a high quality architectural insulation.

- High compressive strength of 15, 25, 40 or 60 psi
- High R-value that never changes and is stable over time
- Closed cell insulation with superior moisture resistance
- High drying potential to rapidly release absorbed moisture
- Lightweight with high strength
- Improve R-value of roof assembly

Strength/R-value.

<table>
<thead>
<tr>
<th>Compressive Strength, psi</th>
<th>R-value/Inch² @ 75°F</th>
<th>R-value/Inch² @ 40°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>15</td>
<td>4.2</td>
</tr>
<tr>
<td>250</td>
<td>25</td>
<td>4.4</td>
</tr>
<tr>
<td>400</td>
<td>40</td>
<td>4.4</td>
</tr>
<tr>
<td>600</td>
<td>60</td>
<td>4.5</td>
</tr>
</tbody>
</table>

1 Compressive strength @ 10% deformation.

2 R-value units are °F·ft²·h/Btu.

Foam-Control PLUS+ is available in a wide range of standard R-values and thicknesses to meet your needs.

R-5, R-7.5, R-10, R-15, R-20

Product thicknesses for standard boards are provided in the Foam-Control PLUS+ Thickness Selector. Project requirements vary, so Foam-Control PLUS+ can be ordered in any R-value thicknesses to meet your needs.

Proven to meet, or exceed, building codes.

Foam-Control PLUS+ is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER11812-04. Foam-Control PLUS+ meets ASTM C578, “Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation”.

Sizes and Shapes.

- Foam-Control PLUS+ flat stock is typically provided in 4’ x 8’ or 4’ x 4’ boards with custom thickness from 1/2” to 12”.
- Tapered Foam-Control PLUS+ is typically provided in 4’ x 4’ boards with various sloped taper as specified.
- Foam-Control PLUS+ crickets and saddles are available custom designed to your project requirements.
- Foam-Control PLUS+ flute filler is available custom designed to your deck requirements.

FOAM FACTS:
Foam-Control PLUS+ outperforms XPS.

- Foam-Control PLUS+ meets high strength requirements at a lower cost
- Foam-Control PLUS+ provides a stable long-term R-value at a lower cost
- Foam-Control PLUS+ uses a blowing agent with 10 x lower global warming potential and 10,000 x lower ozone depletion
- Foam-Control PLUS+ and XPS have resistance to moisture, but Foam-Control PLUS+ has a higher vapor permeance leading to superior drying potential
- Foam-Control PLUS+ with GPerform Guard® treatment available to provide termite resistance
Performance Value.
When you consider all performance characteristics and cost, Foam-Control PLUS+ is your best choice for high strength architectural insulation.

Foam-Control PLUS+ has a high compressive strength to meet specific project requirements.

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

Identification.
Each sheet of Foam-Control PLUS+ is clearly marked with R-value, compressive strength, and building code compliance.

Flexible Product Options.
Foam-Control PLUS+ is available factory scored and can be snapped to produce 16", 24", and 48" widths.

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

Foam-Control PLUS+ 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 PLUS+ is 100% recyclable. It can be ground into granules and reincorporated into new Foam-Control PLUS+ 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 PLUS+ contribute to your next project, just contact your nearest Foam-Control PLUS+ manufacturer and Technical Sales Representative. They will be happy to give you design consultation, information about Foam-Control PLUS+ products, pricing, and answers to all of your questions.

For further information contact us:
Phone: (800) 277-0967
www.atlasfoamcontrol.com