Foam-Control® EPS
Perimeter / Underslab

Superior moisture resistance, stable R-value, and termite resistance to protect your insulation integrity.

Foam-Control EPS with Perform Guard® is a cost-effective, durable, and energy efficient solution for below grade insulation applications. It is an ideal material to stop energy loss at the foundation or slab. Foam-Control EPS with Perform Guard is a proven material with built in protection against the destructive force of termites. Foam-Control EPS is available in thicknesses to meet your local R-5, R-7.5, and R-10 insulation requirements.

Advantages.
• Saves energy
• Meets code requirements for below-grade use
• No long-term R-value loss or thermal drift
• No CFC, HCFC, HFC, or formaldehyde
• Superior moisture resistance
• Retains R-value even with moisture exposure
• Retains R-value after freeze-thaw cycling

Strength/R-value.

<table>
<thead>
<tr>
<th>Strength¹, psi</th>
<th>Compressive Strength¹, psi</th>
<th>R-value/inch²</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.
³ Recommended for design in WARM climates.
⁴ Recommended for design in COLD climates.

Proven to meet, or exceed, building codes.


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

Foam face-off:
Choosing Foam-Control EPS with Perform Guard over XPS, Polyiso, and untreated EPS.
• EPS can easily vary density, thickness, and size
• EPS is less expensive than XPS and ISO
• Foam-Control EPS with Perform Guard is recognized in an ICC ES report as termite resistant and others are not
• Meets ICC ES EG239 requirements for termite resistance foam plastic
• Suitable for use in all areas of termite risk

* Perform Guard is not a barrier, but should be used in conjunction with a total Pest Management Program available from a reputable Pest Control Operator.
Stands up to the weather.

When tested in accordance with ASTM C1512, “Standard Test Method for Characterizing the Effect of Exposure to Environmental Cycling on Thermal Performance of Insulation Products” EPS maintains its R-value and strength after severe exposure to freeze-thaw cycles.

Problem.

Termites love to live, work, and eat in comfortable and protected surroundings. All untreated insulations can potentially provide this environment. Most of the U.S. is susceptible to termite activity. It is important that insulation products and systems account for the potential of termite infestation.

• Termites reduce insulation & system performance
• Termites cause problems for structural systems
• Costs to control termites can continue indefinitely

Testing.

Extensive research has been conducted to: find an effective additive that would deter termites, develop processes for the incorporation of the additive into EPS, and “test prove” and “field prove” the efficacy of the Foam-Control EPS with Perform Guard.

Termite exposure tests have been conducted by industry recognized institutions following industry recognized test standards of ICC ES EG239. Product performance testing has shown how Foam-Control EPS with Perform Guard resists termite infestation when installed following recommended installation guidelines.

Termite Damaged Untreated Foams

Perform Guard®

TERMITE RESISTANT

Termite Infestation Risk.

Ready to take control? Start here.

If you’re starting to wonder how Foam-Control EPS with Perform Guard can contribute to your next project, here’s how to find out: Just contact your nearest Foam-Control EPS manufacturer. They’ll be happy to give you a design consultation, information about Foam-Control EPS products, pricing, and the answers to all your questions. Contact a sales rep and download Foam-Control EPS documentation at www.foam-control.com.