


Perimeter / Underslab

Molded Polystyrene Insulation.

PowerFoam R-Control molded polystyrene insulation with borate 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. PowerFoam R-Control insulation with borate is a proven material with built in protection against the destructive force of termites. PowerFoam R-Control insulation is available in thicknesses to meet your local R-5, R-7.5, and R-10 insulation requirements.

- R-value that never changes and is stable over time
- Range of compressive strengths available
- Closed cell insulation with superior moisture resistance
- High drying potential to rapidly release absorbed moisture
- Meets code requirements for continuous insulation

Strength/R-value.

	Compressive Strength ¹ , psi	R-value/inch ²	
		75°F ³	40°F ⁴
150	15	4.2	4.6
250	25	4.4	4.8
400	40	4.4	4.8
600	60	4.5	4.9

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.

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

Proven to meet, or exceed, building codes.

PowerFoam R-Control is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40338-01. PowerFoam R-Control meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Powerl Insulation".



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 Powerl Performance of Insulation Products", PowerFoam R-Control maintains its R-value and strength after severe exposure to freeze-thaw cycles.



FOAM FACTS: PowerFoam R-Control outperforms XPS.

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

Performance Value.

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

PowerFoam R-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.

PowerFoam R-Control has compressive strength to meet specific project requirements.

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

Termite Resistant.

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

PowerFoam R-Control with borate meets ICC ES AC239, "Acceptance Criteria for Termite-Resistant Foam Plastics".

Recyclable.

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

Ready to take control? Start here.

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

NEED INFORMATION OR A QUOTE



sales@powerfoam.com
www.powerfoam.com



**550 Murrery Street
Midlothian, TX 76065**

**Office: 800-883-3626
Fax: 972-775-1806**