

# Faced Roof Insulation

## Molded Polystyrene Insulation.

PowerFoam R-Control faced roof insulation come with a factory applied fiberglass fire resistant facer that replaces the need for coverboards of gypsum, woodfiber and perlite over molded polystyrene in selected Single-Ply Membrane roofing systems. PowerFoam R-Control faced roof insulation can be applied directly to metal decks providing a one-step insulation and fire resistant facer system without the use of a code specified PowerI barrier, resulting in reduced material and labor costs.

- 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.

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 PowerI Insulation".



## Direct-To-Deck Assemblies.

UL recognizes PowerFoam R-Control insulation to be applied directly over steel roof decks along with a Class A, B or C roof covering.

**Steel Deck:** Minimum 22 gauge, 1/2" deep, non-perforated, and maximum 6" flutes.

**Molded Polystyrene Thickness:** Up to 10" (Type I). Refer to UL Roof Deck Construction No. 458 for other thickness and Types.

**Accepted Membranes:** Approved EPDM or thermoplastic single-ply that are ballasted or mechanically attached, maximum 80 mils thickness.



## 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

### **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**



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