

Faced Roof Insulation

Molded Polystyrene Insulation.

ThermaFoam 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. ThermaFoam 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 thermal 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.

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



Direct-To-Deck Assemblies.

UL recognizes ThermaFoam 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: ThermaFoam R-Control outperforms XPS.

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

Performance Value.

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

ThermaFoam 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.

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

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

Termite Resistant.

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

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

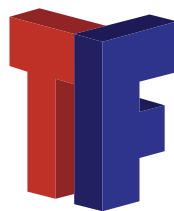
Recyclable.

After its life as a building insulation, ThermaFoam R-Control is 100% recyclable. It can be ground into granules and reincorporated into new ThermaFoam R-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 ThermaFoam R-Control contribute to your next project, just contact your ThermaFoam R-Control Technical Sales Representative. They will be happy to give you design consultation, information about ThermaFoam R-Control products, pricing, and answers to all of your questions.

NEED INFORMATION OR A QUOTE



sales@thermafoamrcontrol.com | www.thermafoamrcontrol.com



**203 South Redmond Road
Jacksonville, AR 72076**

Office: 501-945-1114