

Polyiso Roof Assemblies



Molded Polystyrene Insulation.

Variable thickness flat stock or fabricated Foam-Control® molded polystyrene insulation can be used in numerous configurations with Polyiso roof insulation (below, between, above) achieving optimum function and cost. Foam-Control insulation is cost-effective, durable, energy efficient, and easily fabricated making the production of custom tapers, crickets, saddles, flute filler, and flat stock ideal to use in combination with Polyiso insulation.

- Cost effective roof insulation
- R-value that never changes and is stable over time
- Range of compressive strength available
- Provides economical one-step tapered roof system
- Custom crickets and saddles are fast to install

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

Strength/R-value.

FOAM CONTROL	Compressive Strength ¹ , psi	R-value/inch ²	
		75°F ³	40°F ⁴
100	10	3.9	4.2
130	13	3.9	4.3

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.

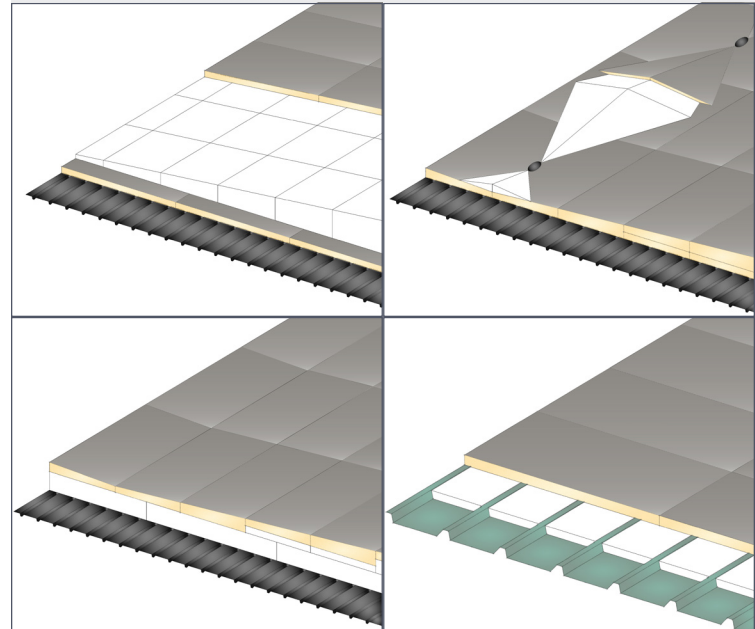
Proven to meet, or exceed, building codes.

Foam-Control is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER11812-01. Foam-Control meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



Sizes and Shapes.

- Foam-Control insulation 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 insulation is typically provided in 4' x 4' boards with various sloped taper as specified.
- Foam-Control insulation crickets and saddles are available custom designed to your project requirements.
- Foam-Control insulation flute filler is available custom designed to your deck requirements.



FOAM FACTS: Foam-Control for use with Polyiso insulation.

- Molded polystyrene is compatible with Polyiso insulation
- Molded polystyrene can easily vary strength, thickness, and size
- Molded polystyrene can easily be fabricated for tapering
- Molded polystyrene can easily be fabricated into crickets and saddles
- Molded polystyrene allows for more design possibilities

Performance Value.

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

Foam-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.

Foam-Control has compressive strength to meet specific project requirements.

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

Termite Resistant - Perform Guard®.

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

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

Recyclable.

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

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FOAM TECHNOLOGIES

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POLYSTYRENE
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