

Polyiso Roof Assemblies


Molded Polystyrene Insulation.

Variable thickness flat stock or fabricated ThermaFoam R-Control molded polystyrene insulation can be used in numerous configurations with Polyiso roof insulation (below, between, above) achieving optimum function and cost. ThermaFoam R-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

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

Strength/R-value.

	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
150	15	4.2	4.6
250	25	4.4	4.8

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.

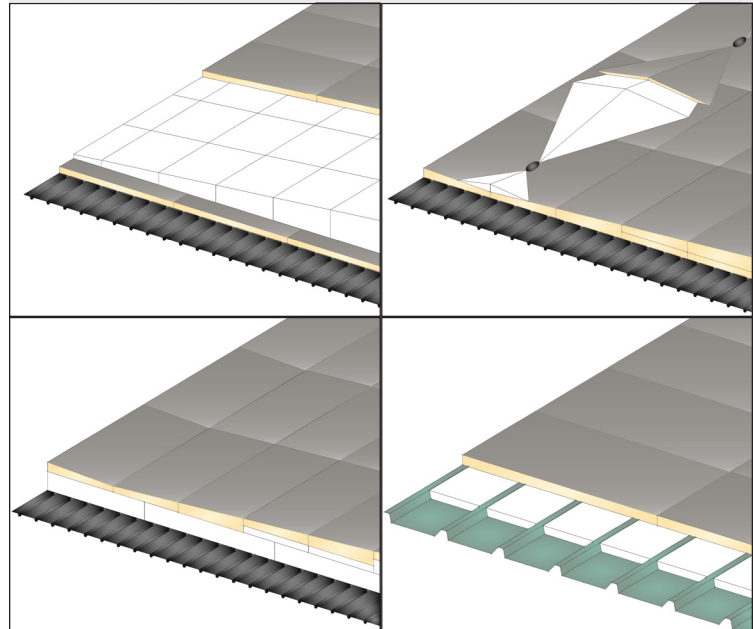
Proven to meet, or exceed, building codes.

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".



Sizes and Shapes.

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



FOAM FACTS:

ThermaFoam R-Control for use with Polyiso insulation.

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

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".

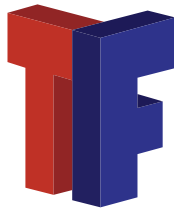
Recyclable.

After it's 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, Inc. 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@thermafoam.com
www.thermafoam.com



1240 Hwy 77
Hillsboro, TX 76645

Office: 254-582-2730
Fax: 254-582-2811