


Architectural Shapes

Molded Polystyrene Insulation.

ThermaFoam R-Control molded polystyrene insulation includes an ingredient you won't find in other molded polystyrene products. Control. ThermaFoam R-Control insulation gives you control over the design of your project. You determine the shape and specs of the molded polystyrene components you need, then your ThermaFoam R-Control molded polystyrene supplier works with you to deliver them on time and within budget.

- 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
- Preferred component for architectural shapes

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".



Custom Fabrication.

ThermaFoam R-Control insulation shapes are custom fabricated by hot wire cutting with computer aided design, and if necessary, assembled together to provide a solution specific to your needs.

ThermaFoam R-Control insulation means that you can achieve product designs that wouldn't be possible with other materials.



FOAM FACTS:

ThermaFoam R-Control Architectural Shapes.

- ThermaFoam R-Control Architectural Shapes can create effective 3-D architectural shapes
- ThermaFoam R-Control Architectural Shapes meet strength requirements at a lower cost and are available in a range of densities/types
- ThermaFoam R-Control Architectural Shapes are well suited for lower volume items and are compatible with exterior finish coatings

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".

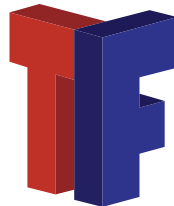
Recyclable.

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



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