

Polyiso Roof Assemblies



Molded Polystyrene Insulation.

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

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

Strength/R-value.

BRANCH RIVER	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.

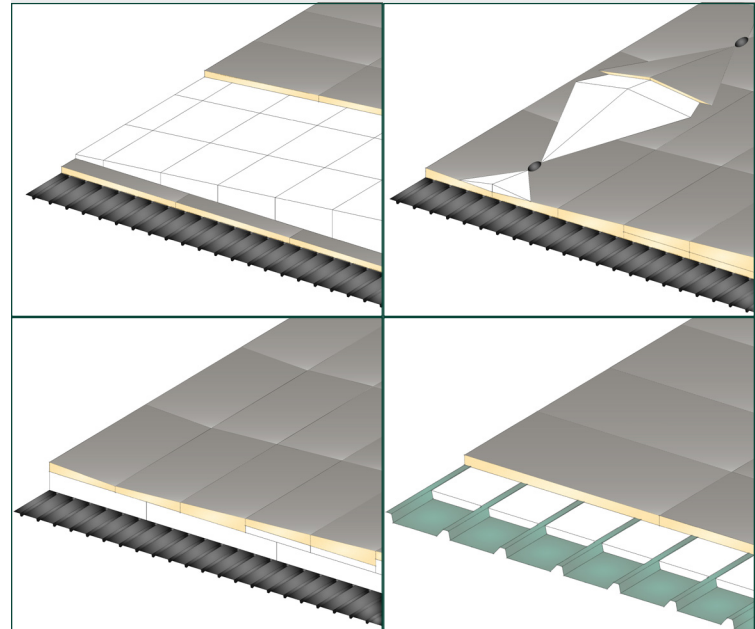
Proven to meet, or exceed, building codes.

Branch River insulation is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40326-01 Branch River insulation meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



Sizes and Shapes.

- Branch River insulation flat stock is typically provided in 4' x 8' or 4' x 4' boards with custom thickness from 1/2" to 12".
- Tapered Branch River insulation is typically provided in 4' x 4' boards with various sloped taper as specified.
- Branch River insulation crickets and saddles are available custom designed to your project requirements.
- Branch River insulation flute filler is available custom designed to your deck requirements.



FOAM FACTS:

Branch River insulation for use with Polyiso insulation.

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

Performance Value.

When you consider all performance characteristics and cost, Branch River insulation is your best choice for foam insulation.

Branch River insulation 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.

Branch River insulation has compressive strength to meet specific project requirements.

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

Termite Resistant.

One of the most destructive forces anywhere is termites. Branch River insulation can be manufactured with borate, a proven and safe additive, that effectively resists termites.

Branch River insulation with borate meets ICC ES AC239, "Acceptance Criteria for Termite-Resistant Foam Plastics".

Recyclable.

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



PLASTICS, INC.

15 Thurber Boulevard

Smithfield, RI 02917

P: 401-232-3434

www.branchriver.com



Branch River insulation products are manufactured by Branch River Plastics, Inc.

Copyright © 2020 Branch River Plastics, Inc.

UL logo is a registered trademark of UL LLC.

BRPR07-11/20



www.branchriver.com

**MOLDED
POLYSTYRENE
INSULATION**