

Vegetative Roofs



A lightweight, easy to install insulation and fill material for Vegetative Roofs.

Branch River geofoam is a cost effective, durable, time saving, and light weight insulation and fill solution for vegetative roof designs. Vegetative roofs add weight for soil/growing medium, planters, pavers, plantings, etc. on the structural roof deck. Branch River geofoam reduces weight resulting in a more economical structural roof deck and provides insulation that results in energy savings.

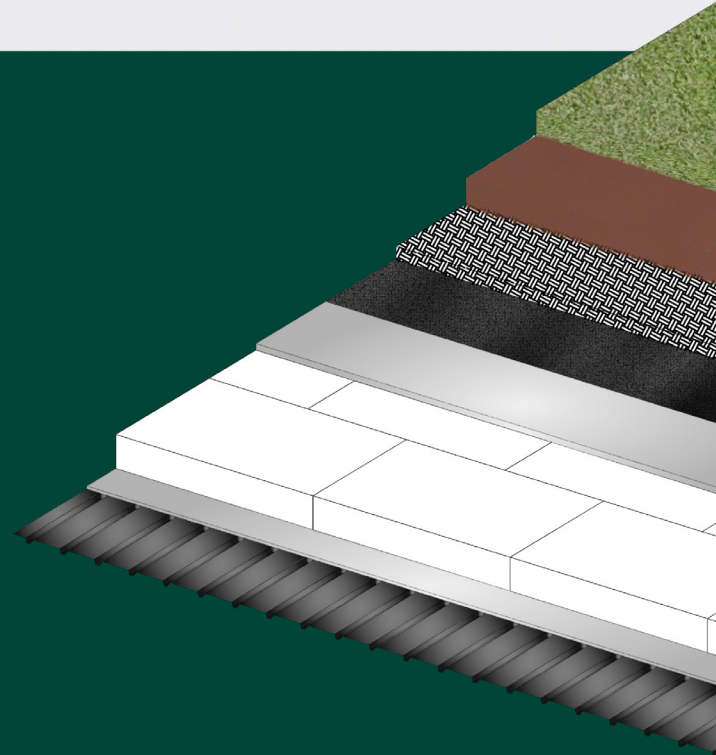
- Super lightweight compared to other fills
- Allows for mixing intensive and extensive designs
- Easy fabrication for landscaping contours
- Provides insulation performance

Compressive Resistance/R-value.

BRANCH RIVER	Compressive Resistance @ 1% deformation	R-value/inch @ 75°F
12	2.2 psi 320 psf (15 kPa)	3.1 °F·ft ² ·h/Btu (0.55 °K·m ² /W)
15	3.6 psi 520 psf (25 kPa)	3.6 °F·ft ² ·h/Btu (0.63 °K·m ² /W)
19	5.8 psi 840 psf (40 kPa)	3.8 °F·ft ² ·h/Btu (0.67 °K·m ² /W)
22	7.3 psi 1050 psf (50 kPa)	4.0 °F·ft ² ·h/Btu (0.70 °K·m ² /W)
29	10.9 psi 1570 psf (75 kPa)	4.2 °F·ft ² ·h/Btu (0.70 °K·m ² /W)
39	15.0 psi 2160 psf (103 kPa)	4.2 °F·ft ² ·h/Btu (0.74 °K·m ² /W)
46	18.6 psi 2680 psf (128 kPa)	4.3 °F·ft ² ·h/Btu (0.76 °K·m ² /W)

Sizes and Shapes.

Branch River geofoam can be made in large or small, thick or thin sections. It can be custom cut in sizes ranging from a few square inches up to 3' x 4' x 16'. Shop drawings for custom projects are easily produced on computer aided cutting equipment.



FOAM FACE-OFF: Choosing Branch River geofoam over other insulation and fill materials for vegetative roof designs

- Branch River geofoam can easily vary strength, thickness, and size
- Branch River geofoam arrives ready to place in all weather conditions
- Branch River geofoam is the best value light-weight and insulation fill material
- Branch River geofoam blocks add very little weight to the roof deck
- Branch River geofoam can be fabricated to create more landscape design possibilities

Proven to meet, or exceed, building codes.

Branch River geofoam is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40326-01. Branch River geofoam meets ASTM D6817, "Standard Specification for Rigid, Cellular Polystyrene Geofoam."



Ready to take control? Start here.

If you're ready to have Branch River geofoam 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 geofoam products, pricing, and answers to all of your questions.



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BRPG09-11/20



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**LIGHTWEIGHT
FILL MATERIAL**