

# Foam-Control® EPS Geofoam Vegetative Roofs

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

Foam-Control EPS 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. Foam-Control EPS reduces weight resulting in a more economical structural roof deck and provides insulation that results in energy savings.

## Advantages.

- Super lightweight compared to other fills
- Allows for mixing intensive and extensive designs
- Easy fabrication for landscaping contours
- Provides insulation performance
- No CFC, HCFC, HFC, or formaldehyde and is 100% recyclable

## Benefits.

Effective structural and thermal design are among the highest priorities in vegetative roof design. Foam-Control EPS Geofoam is available in a range of strengths and R-values necessary to provide the most cost effective structural and thermal design solutions for vegetative roofs.

## Properties.

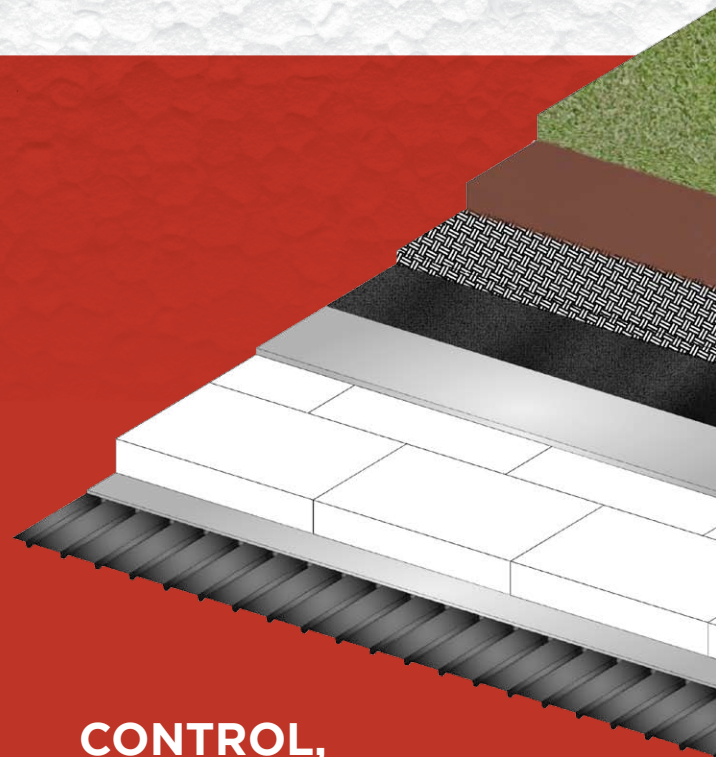
| ASTM D6817 Type | Compressive Resistance @ 1% deformation | Thermal Resistance min per 1.0 in. thickness @ 75°F |
|-----------------|---|---|
| EPS12           | 2.2 psi<br>320 psf<br>(15 kPa)          | 3.1 °F.ft².h/Btu<br>(0.55 °K.m²/W)                  |
| EPS15           | 3.6 psi<br>520 psf<br>(25 kPa)          | 3.6 °F.ft².h/Btu<br>(0.63 °K.m²/W)                  |
| EPS19           | 5.8 psi<br>840 psf<br>(40 kPa)          | 3.8 °F.ft².h/Btu<br>(0.67 °K.m²/W)                  |
| EPS22           | 7.3 psi<br>1050 psf<br>(50 kPa)         | 4.0 °F.ft².h/Btu<br>(0.70 °K.m²/W)                  |
| EPS29           | 10.9 psi<br>1570 psf<br>(75 kPa)        | 4.2 °F.ft².h/Btu<br>(0.70 °K.m²/W)                  |
| EPS39           | 15.0 psi<br>2160 psf<br>(103 kPa)       | 4.2 °F.ft².h/Btu<br>(0.74 °K.m²/W)                  |
| EPS46           | 18.6 psi<br>2680 psf<br>(128 kPa)       | 4.3 °F.ft².h/Btu<br>(0.76 °K.m²/W)                  |

## Sizes and Shapes.

Foam-Control EPS 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.



# EPS



## CONTROL, NOT COMPROMISE.®

**Foam face-off:  
Choosing Foam-Control EPS Geofoam over other insulation and fill materials for vegetative roof designs.**

- EPS Geofoam can easily vary strength, thickness, and size
- EPS Geofoam arrives ready to place in all weather conditions
- EPS Geofoam is the best value lightweight and insulation fill material.
- EPS Geofoam blocks add very little weight to the roof deck.
- EPS Geofoam can be fabricated to create more landscape design possibilities
- EPS Geofoam is 100% recyclable

## Proven to meet, or exceed, building codes.

Foam-Control EPS is manufactured to Quality Control Program standards monitored by Underwriters Laboratories Inc. and recognized by national building codes. Foam-Control EPS meets ASTM D6817, "Standard Specification for Rigid, Cellular Polystyrene Geofoam" and ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



Foam-Control EPS can stand up to all industry tests—and has. No other EPS can say that.

## Foam-Control EPS means control, not compromise.

Foam-Control EPS Geofoam is engineered to give you the greatest possible control for your vegetative roof application: from design and timelines, to materials and costs, and—ultimately—control over your results.

## Ready to take control? Start here.

If you're starting to wonder how Foam-Control EPS Geofoam can contribute to your next vegetative roof project, here's how to find out: Just contact your nearest Foam-Control EPS Geofoam supplier. They'll be happy to give you a design consultation, information about Foam-Control EPS Geofoam products, pricing, and the answers to all your questions. Contact a sales rep and download Foam-Control EPS Geofoam documentation at [www.geofoam.com](http://www.geofoam.com).



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