

# Concrete Applications



## An architectural insulation like no other®.

Foam-Control® PLUS+® is an architectural insulation product line with high compressive strength, stable R-value, and superior moisture resistance. Foam-Control PLUS+ is a premium grade insulation manufactured to provide architects, specifiers, distributors, and contractors all the features and benefits inherent in a high quality architectural insulation.

- High compressive strength of 15, 25, 40 or 60 psi
- High R-value that never changes and is stable over time
- Closed cell insulation with superior moisture resistance
- High drying potential to rapidly release absorbed moisture
- Excellent adhesion to concrete

## Strength/R-value.

FOAM-CONTROL PLUS+	Compressive Strength <sup>1</sup> , psi	R-value/inch <sup>2</sup>	
		75°F	40°F
150	15	4.2	4.6
250	25	4.4	4.8
400	40	4.4	4.8
600	60	4.5	4.9

<sup>1</sup> Compressive strength @ 10% deformation.  
<sup>2</sup> R-value units are °F-ft<sup>2</sup>-h/Btu.

Foam-Control PLUS+ is available in a wide range of standard R-values and thicknesses to meet your needs.

### R-5, R-7.5, R-10, R-15, R-20

Product thicknesses for standard boards are provided in the Foam-Control PLUS+ Thickness Selector. Project requirements vary, so Foam-Control PLUS+ can be ordered in any R-value thicknesses to meet your needs.

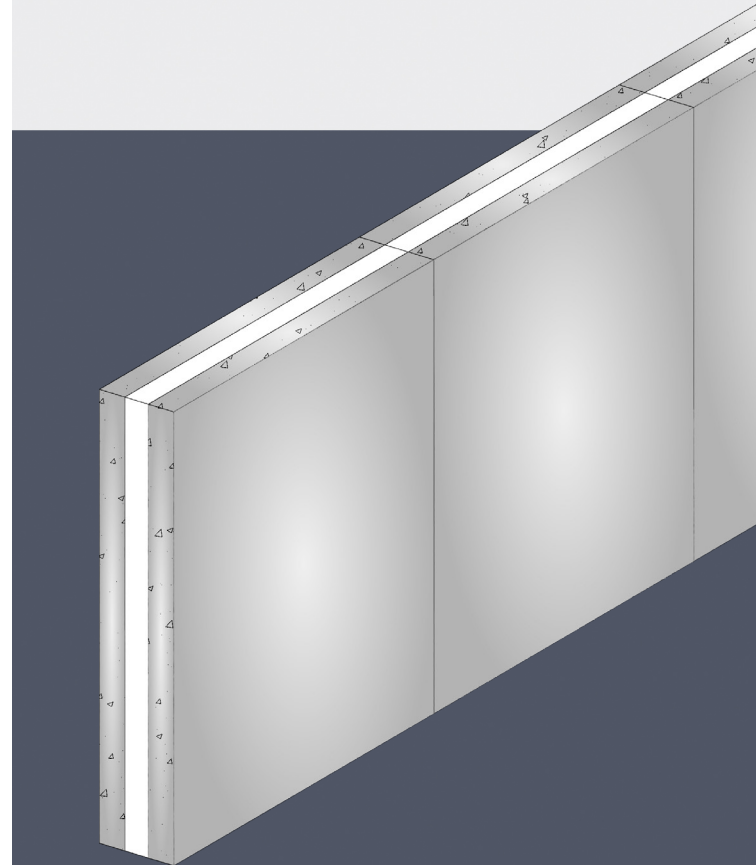
## Proven to meet, or exceed, building codes.

Foam-Control PLUS+ is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ERI11812-04. Foam-Control PLUS+ meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



## Sizes and Options.

Foam-Control PLUS+ 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'. Patterns for custom projects are easily produced on computer aided cutting equipment.



## FOAM FACTS: Foam-Control PLUS+ outperforms XPS.

- Foam-Control PLUS+ meets high strength requirements at a lower cost
- Foam-Control PLUS+ provides a stable long-term R-value at a lower cost
- Foam-Control PLUS+ uses a blowing agent with 10 x lower global warming potential and 10,000 x lower ozone depletion
- Foam-Control PLUS+ and XPS have resistance to moisture, but Foam-Control PLUS+ has a higher vapor permeance leading to superior drying potential
- Foam-Control PLUS+ with **GPerform Guard**® treatment available to provide termite resistance

## Performance Value.

When you consider all performance characteristics and cost, Foam-Control PLUS+ is your best choice for high strength architectural insulation.

Foam-Control PLUS+ has a high compressive strength to meet specific project requirements.

Foam-Control PLUS+ 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.

Foam-Control PLUS+ is manufactured to resist moisture absorption in wetting conditions and release absorbed moisture quickly during drying periods, which means Foam-Control PLUS+ maintains R-value.

## Identification.

Each sheet of Foam-Control PLUS+ is clearly marked with R-value, compressive strength, and building code compliance.

## Flexible Product Options.

Foam-Control PLUS+ is available factory scored and can be snapped to produce 16", 24", and 48" widths.

## Termite Resistant - Perform Guard®.

One of the most destructive forces anywhere is termites. Foam-Control PLUS+ can be manufactured with Perform Guard, a proven and safe additive, that effectively resists termites.

Foam-Control PLUS+ with Perform Guard meets ICC ES AC239, "Acceptance Criteria for Termite-Resistant Foam Plastics".

## Recyclable.

After it's life as a building insulation, Foam-Control PLUS+ is 100% recyclable. It can be ground into granules and reincorporated into new Foam-Control PLUS+ 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 Foam-Control PLUS+ contribute to your next project, just contact your nearest Foam-Control PLUS+ manufacturer and Technical Sales Representative. They will be happy to give you design consultation, information about Foam-Control PLUS+ products, pricing, and answers to all of your questions.



**BIG SKY INSULATIONS, INC**  
15 Arden Drive | P.O. Box 838  
Belgrade, MT 59714

**Email: [answers@bigskyrcontrol.com](mailto:answers@bigskyrcontrol.com)**  
**Website: [www.bigskyfoamcontrol.com](http://www.bigskyfoamcontrol.com)**



Foam-Control PLUS+ products are manufactured by AFM Corporation licensees.

Copyright © 2020 AFM Corporation.  
All rights reserved. Printed in USA.  
Foam-Control, Perform Guard, Foam-Control PLUS+ logo, and An Architectural Insulation Like No Other are registered trademarks of AFM Corporation, Lakeville, MN.

PLUS+ is a registered trademark of ACH Foam Technologies, Inc., Denver, CO. UL logo is a registered trademark of UL LLC. USGBC logo is a registered trademark of U.S. Green Building Council.

FCP08-01/20



[www.foam-control.com](http://www.foam-control.com)

**AN ARCHITECTURAL  
INSULATION LIKE NO  
OTHER®**