

# Foam-Control® EPS Roofing

## An efficient solution for roof insulation.

Foam-Control EPS Roofing is a cost-effective, durable and energy efficient solution for roof insulation. Foam-Control EPS is compatible with all major roofing materials and assemblies.


## Advantages.

- No long-term R-value loss or thermal drift
- No CFC, HCFC, HFC, or formaldehyde
- No thermal barrier required  
(see ICC-ES ESR-1006 and UL ER11812-01)

## Benefits.

Benefits such as design flexibility, resistance to moisture, and high R-value make Foam-Control EPS roof insulation the preferred roofing solution among Contractors, Architects and Engineers. It is also one of the most cost-effective roofing insulations on the market.

## Strength/R-value.

	Compressive Strength <sup>1</sup> , psi	R-value/inch <sup>2</sup>	
		75°F <sup>3</sup>	40°F <sup>4</sup>
<b>100</b>	10	3.9	4.2
<b>130</b>	13	3.9	4.3

<sup>1</sup> Compressive strength @ 10% deformation.

<sup>2</sup> R-value units are °F-ft<sup>2</sup>-h/Btu.

<sup>3</sup> Recommended for design in WARM climates.

<sup>4</sup> Recommended for design in COLD climates.

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

Foam-Control EPS is manufactured under an industry leading quality control program monitored by UL and further recognized in ICC-ES Evaluation Report ER-1006 and UL Evaluation Report UL ER11812-01.

Foam-Control EPS is also available to meet Factory Mutual requirements.

Foam-Control EPS meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



## Tapered Insulation.

Foam-Control EPS Tapered provides the drainage and insulation necessary under all commercial roofing systems.

Foam-Control EPS Tapered is offered in a one-layer, integral compound system or modular format, both offering optimum design flexibility for the architect and saves the roofer/applicator time and labor. Also, pre-engineered factory cut cricket and saddle systems provide effective and economical drainage on structurally sloped roof decks.



## CONTROL, NOT COMPROMISE.®

### Foam face-off: Choosing Foam-Control EPS over XPS and ISO.

- Foam-Control EPS can easily vary density, thickness, and size
- Foam-Control EPS is less-expensive than XPS and ISO
- Foam-Control EPS is more easily fabricated for tapering
- Foam-Control EPS allows for more design possibilities
- Foam-Control EPS has a better R-value warranty

## Direct-To-Deck Recognition.

UL Evaluation Report ER11812-01 and UL Roof Deck Construction No. 458 recognize Foam-Control 100 up to 10" being installed directly over steel roof decks along with a Class A, B or C roof covering of 80 mils or less.



ICC-ES Evaluation Report ESR-1006 recognizes Foam-Control 100 up to 9" to be applied directly over steel roof decks along with a Class A, B or C roof covering of 45 mils or less.



## Direct-To-Deck Assemblies.

Steel Deck: Minimum 22 gauge, 1/2" deep, non-perforated, and maximum 6" flutes.

EPS Thickness: Refer to ESR-1006 or UL Roof Deck construction No. 458 for various thickness and Types.

Accepted Membranes: Approved EPDM or thermoplastic single-ply that are Ballasted, Mechanically Attached and Fully-Adhered.

Cover Board (when required): Refer UL Roof Deck Construction No. 458 for various cover board options.

For complete assembly information, refer to UL Roof Deck Construction No. 458 or ICC-ES Evaluation Report ESR-1006.

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

Foam-Control EPS Roof Insulations are engineered to give you the greatest possible control for your roofing system application: from design and timelines, to materials and costs, and—ultimately—control over your results.

In the roofing industry, Foam-Control EPS Roof Insulations are among the most versatile, energy efficient, and cost effective insulators available, delivering extremely high, stable R-values. Depend on Foam-Control EPS to do the job.

## Ready to take control? Start here.

If you're starting to wonder how Foam-Control EPS roof insulation can contribute to your next project, here's how to find out: Just contact your nearest Foam-Control EPS manufacturer. They'll be happy to give you a design consultation, information about Foam-Control EPS roof insulation products, pricing, calculating insulation requirements and slope design, and the answers to all your questions.

## Specifications and Installation Guidelines.

Contact a sales rep and download Foam-Control EPS documentation at [www.foam-control.com](http://www.foam-control.com). Please consult Foam-Control EPS Roof Insulations TechData for complete Specifications and Installation guidelines.



For further information about

Foam-Control EPS

visit [www.achfoam.com](http://www.achfoam.com)



Foam-Control EPS products are manufactured by AFM Corporation licensees.

Copyright © 2016 AFM Corporation. All rights reserved. Printed in USA. Foam-Control and Control, Not Compromise are registered trademarks of AFM Corporation, Lakeville, MN.

ICC ES logo is a registered trademark of ICC Evaluation Service, Inc.

UL logo is a registered trademark of UL LLC.

USGBC logo is a registered trademark of U.S. Green Building Council.

R09-V2-02/16



CONTROL,  
NOT COMPROMISE.®