

# Foam-Control™ EPS Direct-To-Deck

## An efficient solution for roof insulation.

Foam-Control EPS Direct-to-Deck is a cost-effective, durable and energy efficient solution for roof insulation. Expanded polystyrene (EPS) insulation can be applied directly over steel roof decks without the use of a code specified thermal barrier, resulting in reduced material and labor costs.

### Benefits.

Foam-Control EPS Direct-to-Deck is compatible with all major roofing materials and assemblies. Additional 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 steel deck roofing insulations on the market.

### UL Recognition.

UL Roof Deck Construction No. 458 recognizes Foam-Control EPS up to 10" (Type I) being installed directly over steel roof decks along with a Class A, B or C roof covering of 80 mils or less.



### ICC-ES Recognition.

ICC-ES Evaluation Report ESR-1006 recognizes Foam-Control EPS up to 9" (in Type I) 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):** 1/4" Dens-Deck or 1/2" wood fiber board.

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



## ROOF INSULATIONS

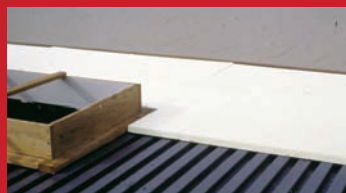


## CONTROL, NOT COMPROMISE.

### Choosing Foam-Control EPS Direct-To-Deck provides many additional benefits.

- EPS can easily vary density, thickness, and size
- EPS can easily be fabricated for tapering
- Lowest unit cost per R-value
- EPS allows for more design possibilities
- EPS has a better R-value warranty

MELINE. CONTROL YOUR COSTS. CONTROL YOUR DENSITY. CONTROL YOUR THICKNESS. CONTROL YOUR R-VALUE. CONTROL YOU



INTEGRITY. DON'T COMPROMISE YOUR ENERGY EFFICIENCY. DON'T COMPROMISE YOUR MEMBRANE SYSTEM. DON'T COMPROMIS

## 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 manufacturers offer product warranties that ensure thermal performance, physical properties, and termite resistance. Foam-Control EPS can stand up to all industry tests— and has. No other EPS can say that.



## 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.



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