


# Polyiso Roof Assemblies

## 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
- Lightweight with high strength
- Improve R-value of roof assembly

## Strength/R-value.

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

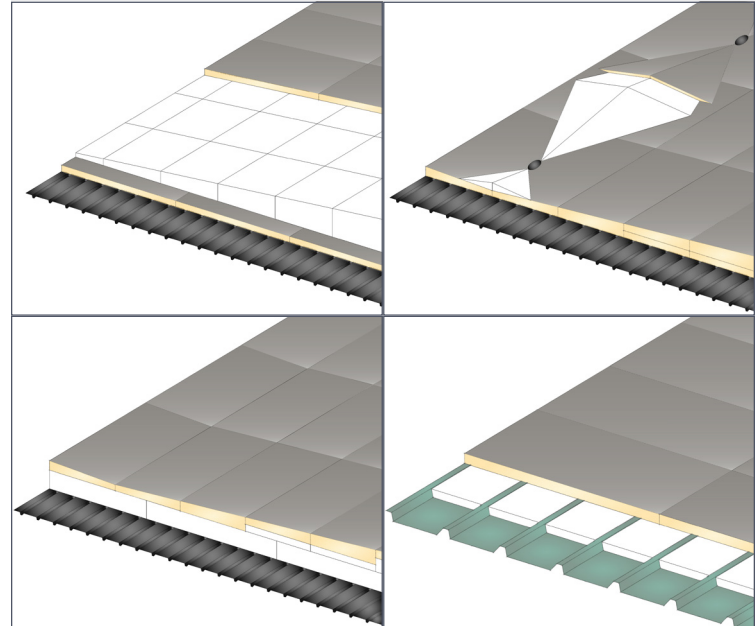
Product thicknesses for standard boards are provided in the Foam-Control PLUS+ Thickness Selector. Project requirements vary, so Foam-Control PLUS+ can be ordered in any R-value thicknesses to meet your needs.

## Sizes and Shapes.

- Foam-Control PLUS+ flat stock is typically provided in 4' x 8' or 4' x 4' boards with custom thickness from 1/2" to 12".
- Tapered Foam-Control PLUS+ is typically provided in 4' x 4' boards with various sloped taper as specified.
- Foam-Control PLUS+ crickets and saddles are available custom designed to your project requirements.
- Foam-Control PLUS+ flute filler is available custom designed to your deck requirements.



Architectural Insulation



## FOAM FACE-OFF: Foam-Control PLUS+ For Use with Polyiso Insulation Provides Many Benefits.

- Foam-Control PLUS+ is compatible with Polyiso insulation
- Foam-Control PLUS+ can easily vary density, thickness, and size
- Foam-Control PLUS+ can easily be fabricated for tapering
- Foam-Control PLUS+ can easily be fabricated into crickets and saddles
- Foam-Control PLUS+ provides high R-values at a low cost
- Foam-Control PLUS+ has a stable long term R-value
- Foam-Control PLUS+ available in 15, 25, 40, and 60 psi strengths

## 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 ER11812-04.



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

## Performance Value.

When you consider all performance characteristics and cost, Foam-Control PLUS+ has the best performance value of any commercially available foam insulation.

Foam-Control PLUS+ has a wide range of compressive strengths 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 grade, R-value, compressive strength, and building code compliance.

## 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. We will be happy to give you design consultation, information about Foam-Control PLUS+ products, pricing, and answers to all of your questions.

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FOAM TECHNOLOGIES

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