


# Exterior Sheathing

## 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
- Helps eliminate wall cavity condensation
- Meets code requirements for continuous insulation

## 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.

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

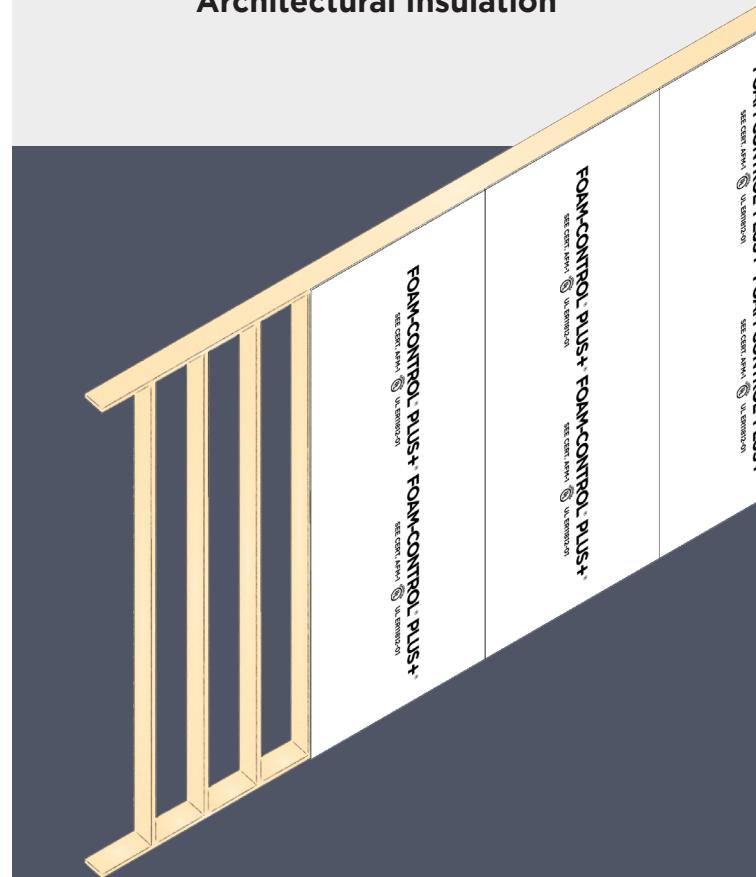
Foam-Control PLUS+ is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER11812-04.



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



Architectural Insulation



## FOAM FACE-OFF:

### Foam-Control PLUS+ outperforms XPS and Polyiso.

- XPS and Polyiso use blowing agents that cause R-value loss over time
- Polyiso loses R-value during cold and extreme high temperature exposure
- Foam-Control PLUS+ has a stable long term R-value
- Foam-Control PLUS+ provides more R-value at a lower cost
- Foam-Control PLUS+ available in 15, 25, 40, and 60 psi strengths at a lower cost
- Foam-Control PLUS+ has a superior drying potential
- Foam-Control PLUS+ is more vapor permeable to help avoid moisture problems

## Moisture Resistance.

When tested in accordance with ASTM C1512, "Standard Test Method for Characterizing the Effect of Exposure to Environmental Cycling on Thermal Performance of Insulation Products" Foam-Control PLUS+ maintains its R-value and strength after severe exposure to moisture and freeze-thaw cycles.

## Drying Potential.


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.

## Flexible Product Options.

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

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. 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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