

Flute Filler



Architectural Insulation

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.

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

¹ Compressive strength @ 10% deformation.
² R-value units are °F-ft²-h/Btu.

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

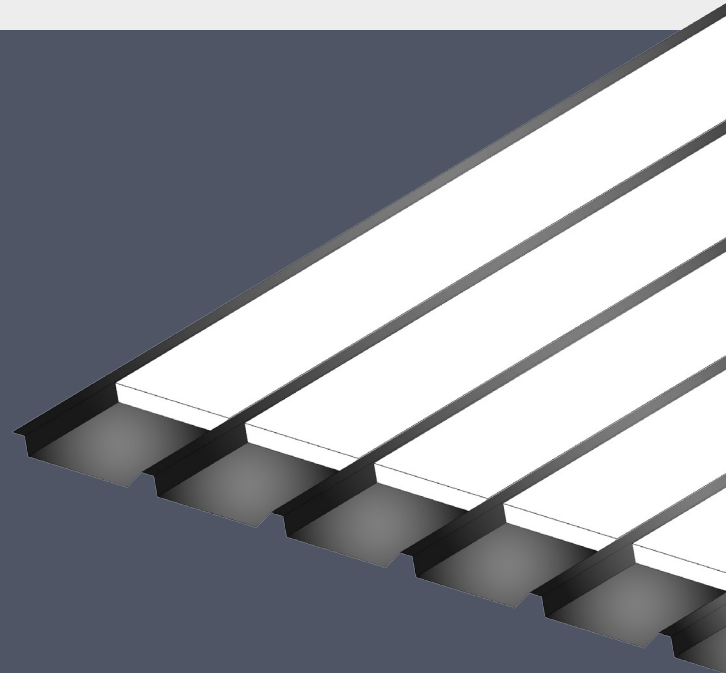
R-5, R-7.5, R-10, R-15, R-20

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+ Flute Filler can be custom cut to match the profile of the metal flutes on your building. Flute Filler strips are easy to install and provide the necessary support under the roofing membrane. Custom cut and square cut Foam-Control PLUS+ Flute Filler is available to meet the size requirements of any size flute.

Custom cut Foam-Control PLUS+ Flute Filler will fill the entire flute space, improving energy efficiency. Square cut Foam-Control PLUS+ Flute Filler insulation is a economical way to fill voids in profile roof decks and still provide additional insulation value to each project.



FOAM FACE-OFF:

Foam-Control PLUS+ outperforms XPS and Polyiso.

- Foam-Control PLUS+ can easily be fabricated for any flute profile
- 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

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.

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.

ACH

FOAM TECHNOLOGIES

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