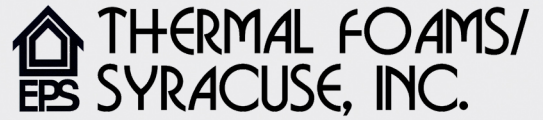


# Flute Filler




## Molded Polystyrene Insulation.

Tru-R molded polystyrene insulation is a cost-effective, durable, and energy efficient solution for insulation applications. Tru-R Flute Filler acts as the void filler and is designed to be installed over existing metal roofs. It provides a uniform and level substrate and is installed prior to the new roof system.

- Cost effective roof insulation
- R-value that never changes and is stable over time
- Range of compressive strength available
- Closed cell insulation with superior moisture resistance
- Improve R-value of roof assembly

## Strength/R-value.

 TRU-R	Compressive Strength <sup>1</sup> , psi	R-value/inch <sup>2</sup>	
		75°F <sup>3</sup>	40°F <sup>4</sup>
100	10	3.9	4.2
130	13	3.9	4.3
150	15	4.2	4.6
250	25	4.4	4.8

<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.

Tru-R is available in a wide range of R-values and thicknesses to meet your needs. Product thicknesses are provided in the Tru-R Thickness Selector. Project requirements vary, so Tru-R can be ordered in any R-value thicknesses to meet your needs.

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

Tru-R is manufactured under an industry leading quality control program monitored by UL and further recognized in UL Evaluation Report UL ER40266-01. Tru-R meets ASTM C578, "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation".



## Sizes and Shapes.

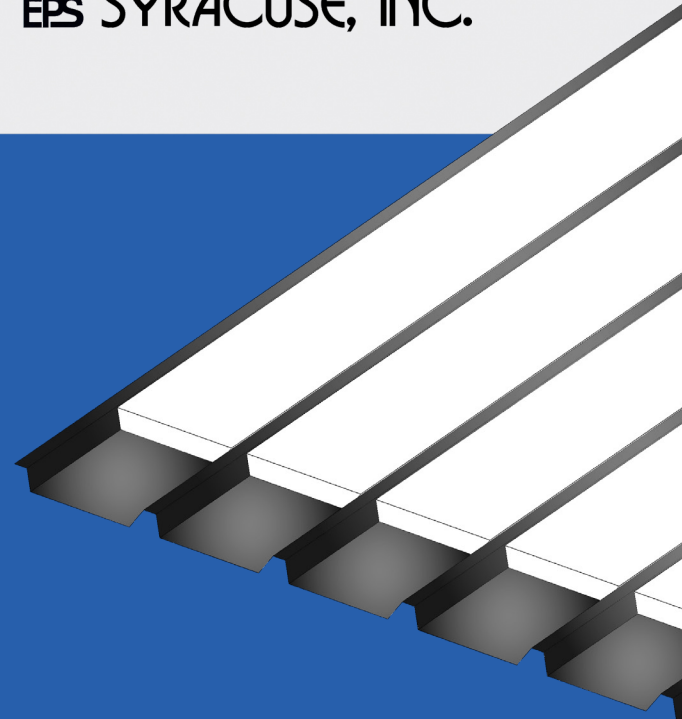
Tru-R Flute Filler can be custom cut to match the profile of the metal flutes on your building. Flute Filler strips are easy to install and provide the necessary support under the roofing membrane. Custom cut and square cut Tru-R Flute Filler is available to meet the size requirements of any size flute.

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

## FOAM FACTS:

### Tru-R outperforms XPS.

- Tru-R provides a stable long-term R-value at a lower cost
- Tru-R uses a blowing agent with 10 x lower global warming potential and 10,000 x lower ozone depletion
- Tru-R meets strength requirements at a lower cost
- Tru-R and XPS have resistance to moisture, but Tru-R has a higher vapor permeance leading to superior drying potential



### Performance Value.

When you consider all performance characteristics and cost, Tru-R is your best choice for foam insulation.

Tru-R 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.

Tru-R has compressive strength to meet specific project requirements.

Tru-R is manufactured to resist moisture absorption in wetting conditions and release absorbed moisture quickly during drying periods, which means Tru-R maintains R-value.

### Termite Resistant.

One of the most destructive forces anywhere is termites. Tru-R can be manufactured with borate, a proven and safe additive, that effectively resists termites.

Tru-R with borate meets ICC ES AC239, "Acceptance Criteria for Termite-Resistant Foam Plastics".

### Recyclable.

After it's life as a building insulation, Tru-R is 100% recyclable. It can be ground into granules and reincorporated into new Tru-R 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 Tru-R contribute to your next project, just contact your nearest Tru-R manufacturer and Technical Sales Representative. They will be happy to give you design consultation, information about Tru-R products, pricing, and answers to all of your questions.



### Buffalo

(716) 874-6474

buffaloinfo@thermalfoams.com

### Syracuse

(315) 699-8734

syracuseinfo@thermalfoams.com

### Rochester

(585) 247-0324

buffaloinfo@thermalfoams.com

### Pittsburgh

(724) 742-1200

buffaloinfo@thermalfoams.com

### Albany

(518) 621-7960

syracuseinfo@thermalfoams.com

Copyright © 2020 Thermal Foams, Inc.  
All rights reserved. Printed in USA.

TFR05-06/20