

Cavity Wall



Molded Polystyrene Insulation.

Tru-R molded polystyrene insulation is a cost-effective, durable, and energy efficient solution for cavity wall applications. It is an ideal material to stop energy loss in brick faced residential and commercial masonry and framed walls. Tru-R insulation is available in a range of thicknesses to meet your local continuous insulation energy code requirements.

- R-value that never changes and is stable over time
- Range of compressive strengths available
- Closed cell insulation with superior moisture resistance
- High drying potential to rapidly release absorbed moisture
- Meets NFPA 285 code requirements

Strength/R-value.

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

¹ Compressive strength @ 10% deformation.

² R-value units are °F·ft²·h/Btu.

³ Recommended for design in WARM climates.

⁴ 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.

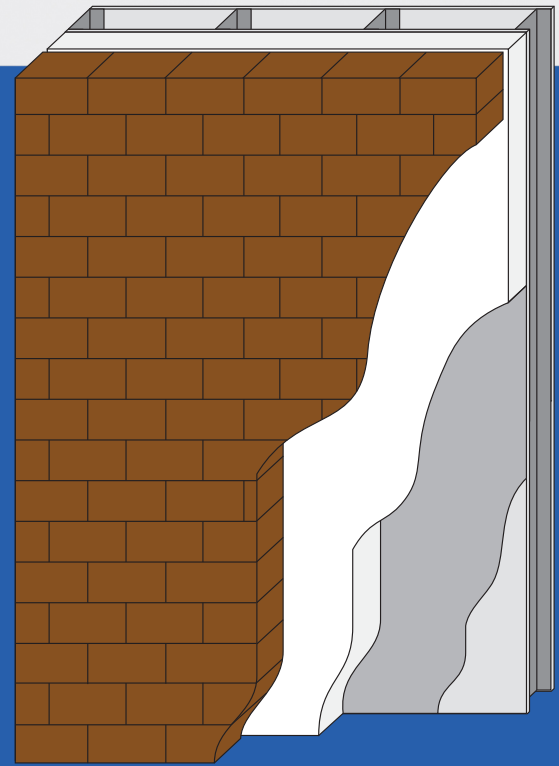
Proven to meet, or exceed, building codes.

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".



NFPA 285 Assemblies.

A key building code requirement is providing NFPA 285 compliant wall assemblies. Numerous assemblies which include Tru-R as an insulation component have successfully passed the rigorous NFPA 285.



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
- Tru-R with borate treatment available to provide termite resistance

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.

TF43-06/20