Radiant Barrier USA
Innovating Reflective Technology

Radiant Barrier Solutions

General description

Our Radiant Barrier Plus (RB+) Insulation Roll, a cutting-edge solution for both attic and building wrap insulation needs. This durable, reinforced foil insulation covers an expansive area of 500/ 1000 square feet and is designed to meet and exceed ASTM standards. Sized at 48/ 26 inches by 125/ 250 feet, this perforated, breathable, and Radiant Barrier roll is engineered for excellence.

The RB+ is a robust 6.5mil product that has undergone extensive international testing to ensure it meets critical performance criteria, including surface emittance (E=5%), water vapor transmission, surface burning characteristics, corrosivity, tear resistance, and adhesive performance. As a result, it has earned a superior Class A / Class 1 fire rating, demonstrating its capability to not only meet but surpass the stringent requirements of local, state, and federal building codes.

Available Sizes (Perforated)
4' x 250'
4' x 125'
26" x 250'

Radiant Barrier PLUS (RB+)

Product Information

Two-sided reflecting metalized film with polyethylene woven reinforcement

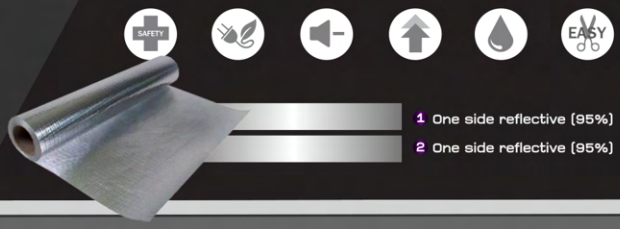
Two-sided reflecting metalized film with polyethylene woven reinforcement

Radiant Barrier PLUS (RB+) R-VALUES*		Therma Resistance Values**
Attic/Roof***	HEAT FLOW DOWN:	R-4.1 to 14.5
	HEAT FLOW UP:	R-2.17 to 7.6
Wall	HEAT FLOW HORIZONTAL:	R-5.54 to 10.85

* At least a 1" air space is required on foil side to achieve the R-Values quoted.
** Depends on factors such as the building's interior, roof slope, direction of heat flow, and the size of attainable air gaps available when installing the products
*** Attic R value depending on installation. R value can be as high as 18 with 8" dead air space and heat flow down. For more details, please contact us 972-836-4829

Main benefits and features:

- **Industrial-Strength** Perforation with heavy duty woven core.
- **Low Emittance ASTM C-1371** tested with 5% emittance 95% reflectivity
- **Safe and Convenience,** non-toxic, non-carcinogenic, fiber-free, and maintenance-free, requiring no special clothing or breathing masks for installation, making it safe and easy to use.
- **An easy product to install.** Suitable for DIY enthusiasts. It can be efficiently stapled to the underside of attic roof rafters and applied to all vertical exterior walls in the attic, including gable walls.
  Corrosion free designed to conform to ASTM 1313 standards for surface corrosion, guaranteeing its longevity, sustained low emittance, and high reflectance of radiant heat.
- **Made for energy savings** particularly when installed in attic spaces. Studies have indicated the potential for energy savings of up to 77%, with the actual savings dependent on factors such as the quality of installation, the climate zone, and other relevant considerations.
- **Carbon footprint reduction.** By incorporating radiant barriers into a home significantly contributes to reducing the house's carbon footprint. This move not only benefits homeowners through reduced energy bills but also aligns with global efforts to address climate change by lowering overall emissions.
- **With the RB+ Insulation Roll, experience not only the enhanced durability and safety but also significant year-round energy savings, contributing to a more comfortable and cost-effective home environment.**



Product Specifications	
Standard Roll Size:	4' x 250'/ 4' x 125'/ 26' x 250'
Roll Weight (lbs) +/-5%:	29 lbs (1000 Ft^2)
Emittance (Metalized Foil Side):	5%
Reflectivity:	95%
Resistance to fungi ASTM E1338-08	PASS – No Growth
Permeability ASMT E96-05	6.29 Perms
Flame Spread, Smoke Development, and Fire Rating:	Class A / Class 1

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Radiant Barrier
PLUS (RB+)

SAVE WORLD TOGETHER

NO ASBESTOS

Reflectivity

Super strong

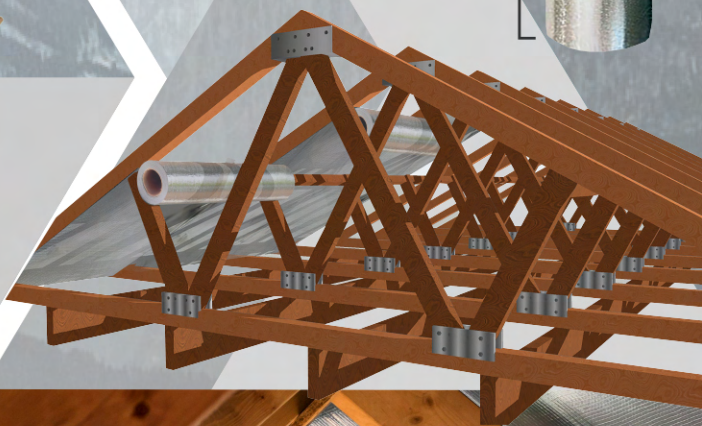
No health hazard

Vapor Barrier

Available finish :

First
Only
Number 1

APPLICATION IDEAS



POLY SHIELD

BE ACTIVE!
USE REFLECTIVE INSULATION NOW

75.2 °F

95%
REFLECT 95% OF RADIANT HEAT (SILVER SIDE)

972-836-4829 www.radiantbarrierusa.com