

The increased performance of your insulation and duct work, and the decreased workload on your heating and cooling system means Enerflex will pay for itself in utility savings.

EnerflexFoil.com



Frequently Asked Questions

How does radiant barrier work? On a hot day, your roof shingles absorb solar heat and warm up the sheathing below, which radiates heat towards the attic floor where conventional insulation is typically installed. A radiant barrier blocks up to 96% of this radiant energy. It reduces heat transfer by thermal radiation across the air space between your roof and the attic floor, keeping your attic cooler. In cool weather, it helps keep radiant energy from leaving the home, reducing heat loss.

My home is insulated. Do I also need a radiant barrier? Yes. Conventional insulation and Enerflex work together by reducing different forms of heat flow. Insulation slows the movement of heat by conduction. Enerflex reduces the movement of heat by radiation. Enerflex improves the performance of your existing insulation by limiting the flow of radiant heat from the roof to the attic floor, making the top surface of the insulation cooler.

How much Enerflex do I need? Enerflex comes in flat panels and in rolls, to meet your specific needs. Visit EnerflexFoil.com and click on the materials calculator to quickly estimate the number of panels you will need.

Will a radiant barrier harm my shingles? No. Typically, a radiant barrier will increase the temperature of your shingles 2 to 5 degrees. This minor elevation in temperature will not affect the life of your shingles.

Do I need special tools to install Enerflex? No. Enerflex panels simply "flex" into place. Enerflex rolls are simply stapled. Recommended tools and safety equipment are listed in the installation instructions, to make your installation go smoothly.

Does Enerflex need to be taped? We recommend overlapping the radiant barrier edges by 1" to 2", which does not require taping. While not required for cut edges or seams that butt together, the best results will be achieved by taping with reflective tape.

How much space is required for proper ventilation? Check with your local build code official for ventilation requirements in your area. The unique design of Enerflex will allow an unobstructed space for airflow from the soffit vents to the wind ventilators or ridge vent. A minimum gap of 3.5" is required between the top of the roof decking and Enerflex. Leave a minimum of 6" from the peak of the roof, or 6" in all directions from any turbine, turtle back, gable or mushroom vent. Never cover any vents with Enerflex, regardless of where they are located.

Is there a warranty? Yes. Enerflex Radiant Barrier is covered under a 15-Year Limited Warranty.



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