

No tools are required for most installations

Additional items recommended:

- Utility knife
- Broom – Use to move insulation around the eaves or to fluff up packed down insulation
- Tape measure
- Staple gun with 1/2" staples
- Metalized tape
- 4'x4' piece of plywood to lay across the rafters as a working platform
- Ladder
- Dust mask, safety goggles and gloves

To get the best performance it is essential that this radiant barrier be installed properly. If you do it yourself, follow the instructions carefully. Avoid contact of Enerflex™ with electrical wiring. Plan ahead for adequate ventilation and lighting. Attic temperatures will likely be higher than the living areas of your home and can be upwards of 160°F. Take precautions to avoid risks associated with prolonged exposure to heat. Always wear a dust mask to avoid inhaling disturbed dust and insulation particles that can accumulate in attics. Work with a partner whenever possible. Step with care and be aware of your surroundings.

Inspect the space between rafters prior to installation as truss cross members, electrical wiring, HVAC equipment and other conditions can influence the installation method for each panel.

Overlap: Enerflex panels can be overlapped at the top or bottom edge. Overlapping is the recommended method for multiple panel installation (fig. 1).



fig. 1

End-to-end: Place Enerflex panels end-to-end with no overlap (fig. 2). The installer may need to use a combination of methods depending on individual rafter and roof configurations, HVAC equipment, hanging straps, pipes, etc.



fig. 2

Things to consider

- For best results, cover all gable end walls and other vertical surfaces in the attic, in addition to the underside of the roof sheathing. We recommend using Enerflex roll on the vertical surfaces of your attic.
 - Provide a minimum free ventilation area of not less than one square foot of vent area for each 150 square feet of attic floor area.
 - Provide no less than 30% upper vents. Ridge vents or gable end vents are recommended to achieve the best performance.
- Never cover any vents with Enerflex Radiant Barrier.**
- Leave a minimum gap of 3.5" between the top of the roof decking and the radiant barrier backboard (fig. 3).
 - Leave a minimum of six (6) inches at the roof peak to allow hot air to escape from the baffle space between the roof decking and the radiant barrier.

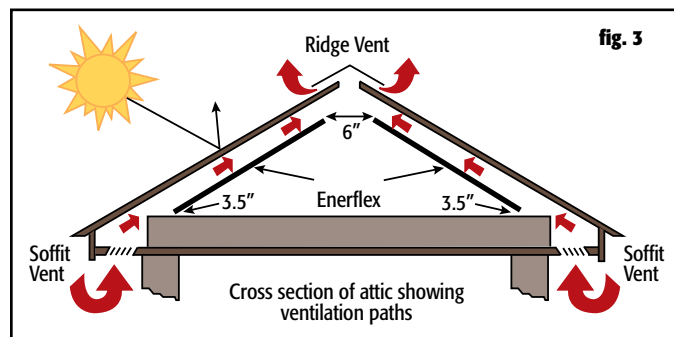


fig. 3

Installing an Enerflex panel

Two simple steps:

Step 1

- Insert the edge of one side of the Enerflex panel against the inside of the first rafter where it meets the roof sheathing (fig. 4).



fig. 4

Step 2

- With the inserted edge secured against the intersection of the rafter and the roof sheathing, manually flex the Enerflex panel, creating a bow that allows the opposite panel edge to be inserted at the intersection of the roof sheathing and adjacent rafter (fig. 5).



fig. 5

As needed, cut Enerflex to fit around HVAC and other utility obstructions. Seal the cuts with metalized tape (fig. 6 and fig. 7). Enerflex panels are designed for rafter spacing of 16" on-center or 24" on-center. Where rafter spacing is inconsistent, panels may need to be stapled into place. Staple panels to the underside of the rafters using 1/2" staples every four to six inches.



fig. 6



fig. 7

Alternative installation method

- Enerflex can be stapled to the underside of the rafters using 1/2" staples spaced every four to six inches.

** Do not lay Enerflex on the attic floor on top of existing attic insulation. This application is susceptible to dust accumulation, which will cause loss of performance over time.

The diagrams and instructions in this brochure are for illustration purposes only and are not meant to replace a licensed professional. Any construction or use of the product must be in accordance with all local zoning and/or building codes. The consumer assumes all risks and liability associated with the construction or use of this product. The consumer or contractor should take all necessary steps to ensure the safety of everyone involved in the project, including, but not limited to, wearing the appropriate safety equipment. **EXCEPT AS CONTAINED IN THE WRITTEN LIMITED WARRANTY, THE WARRANTOR DOES NOT PROVIDE ANY OTHER WARRANTY, EITHER EXPRESS OR IMPLIED, AND SHALL NOT BE LIABLE FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES.**