

- Quick, safe and easy to install
- Perforated to allow the transmission of water vapor
- Reduces heat loss and heat gain all year round
- Can block up to 96% of radiant heat transfer

INSTALLATION METHOD #1 - Bottom of Rafters

1. Always exercise caution when working on insecure floors - place a board on the attic floor to stand on during installation.
2. The radiant barrier will be installed on the underside of the rafters with the material being run across the rafter facings (Figure 1).
3. Affix the radiant barrier to the underside of the rafters using regular staples, 6" apart. Be sure to leave a 6" gap on either side of the ridge vent, to ensure adequate ventilation.
4. Seal all joints and seams in the radiant barrier with rFOIL™ reflective tape.

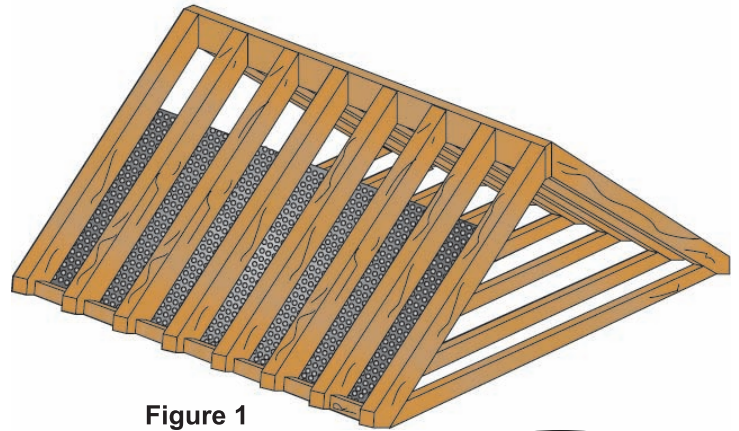


Figure 1



INSTALLATION METHOD #2 - Between Rafters and Roof Decking

1. This application of radiant barrier can be carried out after the roof trusses have been erected - but before the roof decking is applied.
2. The radiant barrier should be run across the roof trusses as shown in (Figure 2).
3. The material should be allowed to drape over the trusses, ensuring an airspace exists between roof decking and radiant barrier.
4. Before decking is installed, affix radiant barrier to trusses using regular staples.
5. Seal all joints and seams in the radiant barrier with rFOIL™ reflective tape.

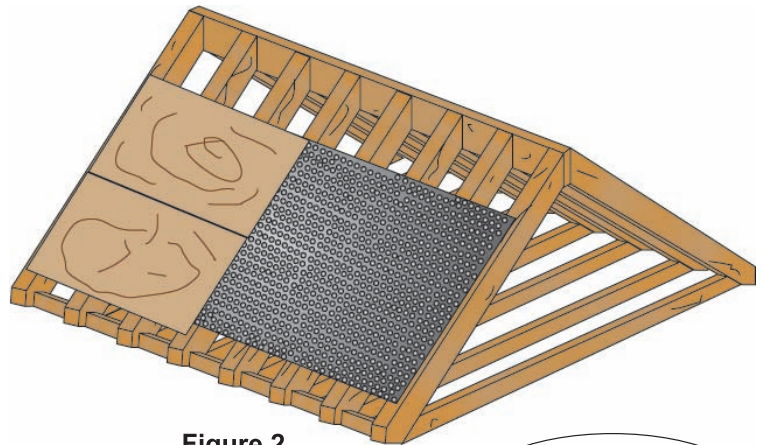


Figure 2



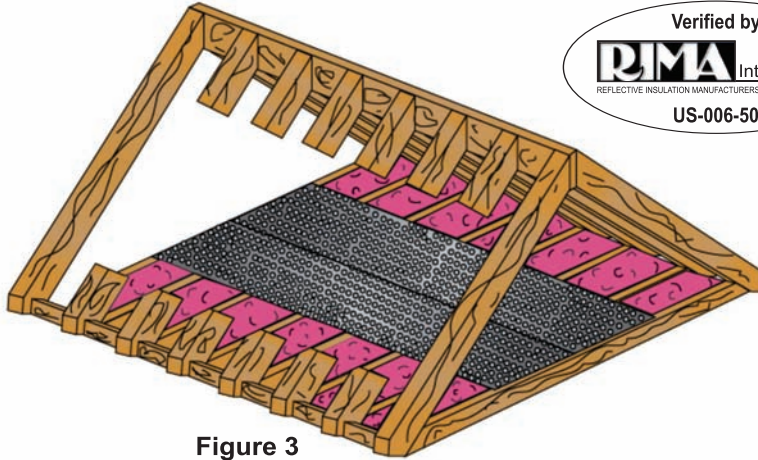


Figure 3
(With existing insulation on the attic floor)

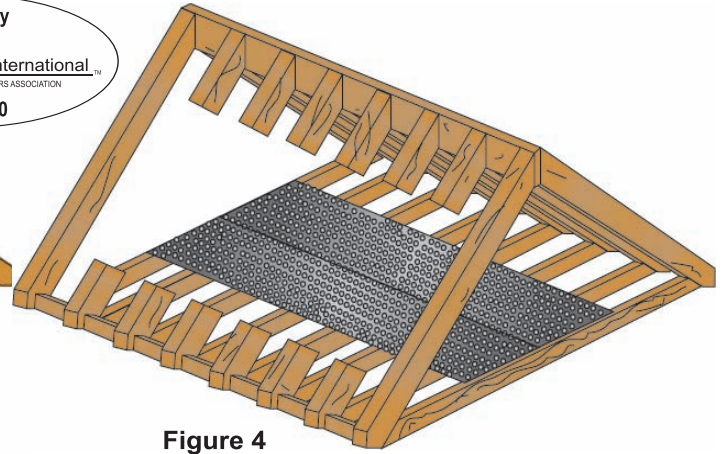


Figure 4
(With no insulation on the attic floor)

INSTALLATION METHOD #3 - On Attic Floor Joists

1. Always exercise caution when working on insecure floors - place a board on the attic floor to stand on during installation.
2. This application involves the installation of a radiant barrier directly on the attic floor, overtop of existing mass insulation.
3. As shown in Figure 3 and Figure 4, the radiant barrier material should be installed perpendicular to the floor joists.
4. Affix the radiant barrier to the joists using regular staples, 6" apart. Be sure to leave a 6" gap around the perimeter of the attic floor, so as not to interfere with any ventilation mechanisms.
5. Seal all joints and seams in the radiant barrier with rFOIL™ reflective tape.

Note on Attic Ventilation:

A vented attic with a radiant barrier is a very different system from an un-vented attic with the same radiant barrier. Common types of attic ventilation are:

- Soffit to Ridge
- Soffit to Gable
- Soffit to Soffit
- Gable to Gable

Most codes require at least a 1 to 300 ventilation rate. What this means is that for every 300 square feet of floor space, there should be one square foot of free vent area.

-Reflective Insulation Manufacturer's Association (RIMA)

SUGGESTED PRODUCTS FOR THIS APPLICATION:

STANDARD NT RADIANT BARRIER
rFOIL™ REFLECTIVE TAPE

- > 4800-48-125P, 1800-48-250P
- > 15812, 15211, 15212, 15213

* Check local building codes for compliance before installation. This installation sheet is intended solely to illustrate the proper location and placement of rFOIL™ Reflective Insulation products in specific constructions applications. They are not intended to illustrate proper construction methods (which is ultimately the responsibility of the builder or contractor). The installation instructions are only recommendations relating to the location and placement of rFOIL™ Reflective Insulation products, and rFOIL™ makes no claims that these construction systems are universally accurate.

** All warranties and performance estimates are void if rFOIL™ Reflective Insulation products are used in exterior applications, or in non-enclosed systems or buildings.

*** Exercise caution when using rFOIL™ Reflective Insulation products near and around electrical wiring and devices.

