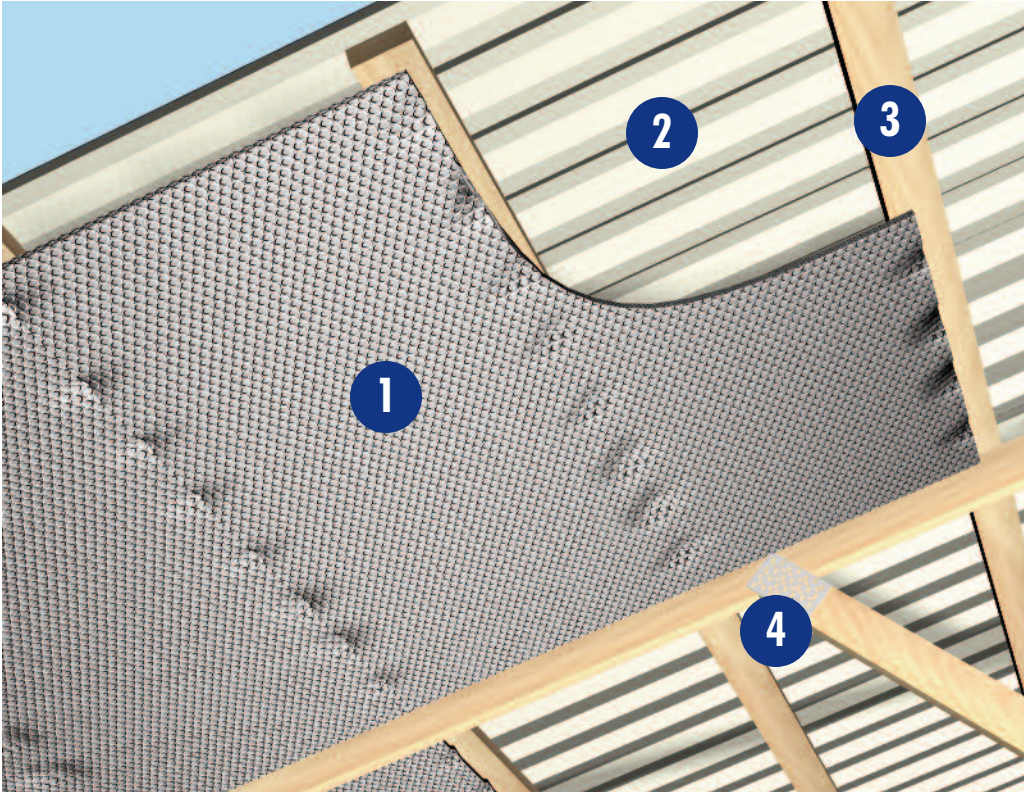


PF Bldg / Roof / Retro / Bottom of Purlins

Reflectix® Installation Instructions



1. Reflectix® Insulation
2. Exterior Roof Panel
3. Purlin
4. Truss

Tools Required:

Safety Glasses
Tape Measure
Utility Knife
Staple Gun

Recommended Products:

Reflective/Bubble/Bubble/Reflective - Roll: BP48100 (48"x 100')

Bottom of the Purlins

Metal Interior

R-11 Heat Flow Down (and a Radiant Barrier) | R-5.1 Heat Flow Up

Open Interior

R-9.0* Heat Flow Down (and a Radiant Barrier) | R-4.4* Heat Flow Up

Please Note: In addition to the stated R-value, this application also provides a Radiant Barrier.

As a result, a 96% reduction of the radiant energy that ordinarily would be transmitted to the interior of the building is blocked.

Installation Instructions:

- Inspect the roof area for clutter in buildings where there is no ceiling.
- Measure the distance between the trusses. Many times, the distance will be 4' or less. In some geographical areas, due to snow load, the distance will be as close as 2'.
- Cut pieces of the Reflectix® Reflective/Bubble/Bubble/Reflective product, 6" longer than the distance between the ridge pole and the bird's mouth.

- Staple the product to the bottom of the purlins with 5/16" staples, 3" to 4" apart. Turn the edges down and staple to the side of the top cord of the trusses.
- Staple the top of the insulation to the ridge pole and the bottom to the top plate at the wall.
- Tape any butt seams with Reflectix® Foil Tape. Make sure the tape is applied so that a proper bond occurs.

* Includes thermal resistance of 1.32 UP and 4.55 DOWN for interior air film.

Calculation Disclaimer: All values are calculated based on the "ASHRAE Handbook of Fundamentals" heat flow up and down.

Review These Important Safety Guidelines Prior to Installation:

- **ALWAYS** check local building codes before installing Reflectix®.
- **ALWAYS** check the area you are insulating and make any needed repairs. Any worn wiring should be replaced before you begin installing Reflectix®.
- **ALWAYS** make sure work areas are well ventilated and well lighted.
- **ALWAYS** use eye protection when operating a staple gun.
- **ALWAYS** use caution and common sense when using a staple gun. Be aware of where electrical wiring is located. Stapling into a wire can cause severe shock or death. **NEVER** staple into electrical wiring.
- **ALWAYS** be careful when working with large pieces of Reflectix® on windy days.
- When installing Reflectix® on bright sunny days, it is best to wear sun glasses.
- Do not work in areas such as attics when temperatures are too hot.
- Visit our website at www.reflectixinc.com for additional product and installation information.

Please Note:

The intention of these Installation Instructions and 3-D renderings are for the sole purpose of illustrating the correct location and relative position of the Reflectix® products in specific building assemblies. The correct construction methods and techniques are the responsibility of the installer or contractor. The methods outlined are recommendations on location of the Reflectix® products as a guideline. There are no claims on the part of Reflectix, Inc. that these building assemblies are finite standards or meet building code requirements (as they can vary by region).

Reflectix, Inc.

#1 School Street (P.O. Box 108)

Markleville, IN 46056

Ph: (800) 879-3645 (US/Can)

(765) 533-4332

Fax: (765) 533-2327

Email: customerservice@reflectixinc.com

Web: www.reflectixinc.com

"Like Us" @: www.facebook.com/ReflectixInsulation

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