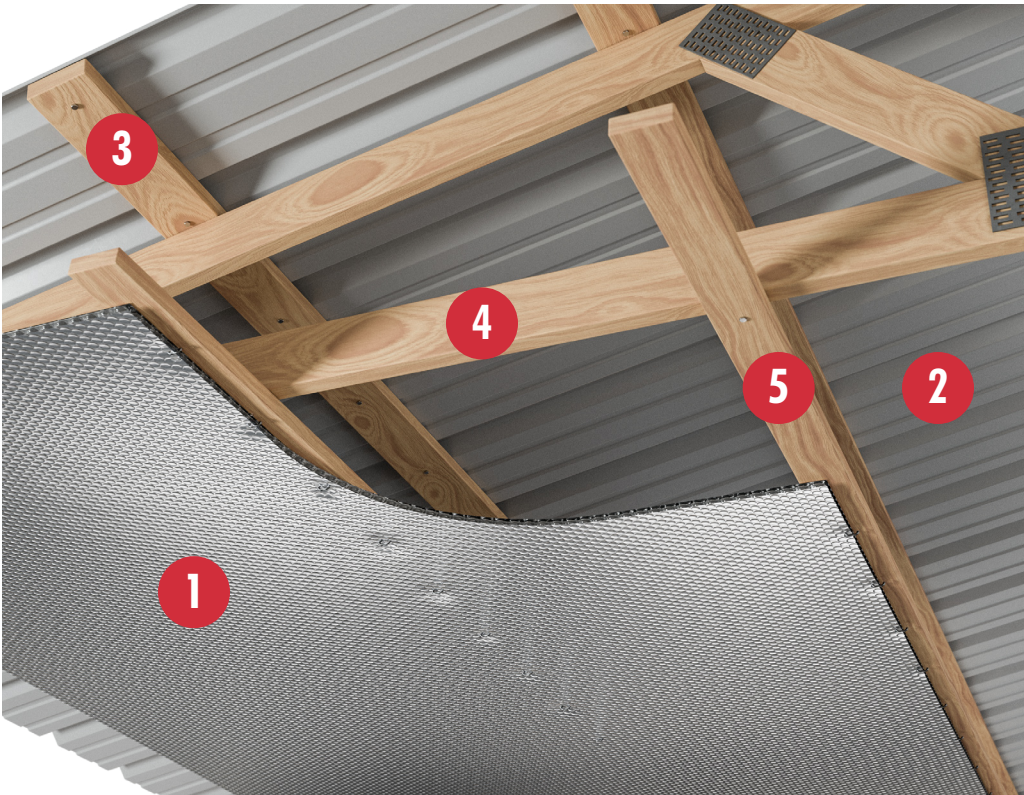# PF Bldg | Roof | Retro | Bottom of Trusses
Reflectix Installation Instructions

1. Reflectix® Insulation
2. Exterior Roof Panel
3. Purlin
4. Truss
5. 1"x 2" (Nominal) Furring Strip

Tools Required:
Safety Glasses
Tape Measure
Utility Knife
Staple Gun

Recommended Products:
·   <u>Staple Tab, Reflective/Bubble/Bubble/Reflective - Roll:</u> ST24100 (24"x 100'), ST48100 (48"x 100')

Bottom of the Trusses
Open Interior
R-10* Heat Flow Down (and a Radiant Barrier) | R-3.7* Heat Flow Up

Please Note: In addition to the stated R-values, these applications also provide 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:
·   Pre-installation inspection - Check the roof area for clutter, water sprinklers, conduit and lights. Sprinkler systems are especially important. All water pipes must be below the Reflectix® Reflective/Bubble/Bubble/Reflective, Staple Tab product to prevent the possibility of freezing in the winter.
·   Nail 1"x 2" furring strips on the bottom of and perpendicular to the trusses on 22" centers. (Note: When truss spacing is 24" it is recommended to install the Reflectix® 24" or 48" product directly to the bottom cord of the truss.)
·   Butt the furring strips together and tape. Staple tape for reinforcement.
·   Attach the product using 5/16" staples at approximately 4" intervals.
·   Staple the edges of the Reflectix® to the furring strips with the 3/4" tabs (so that they will overlap at the seam).

- Tape the seams with a Reflectix® Foil Tape (goal is an air-tight, snug seam seal).
- Tape any butt seams with Reflectix® Foil Tape, insure taped seam has a good full continuous bond.
- Staple product down the middle of the sheet into the furring strip above.

* 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 sunglasses.
- 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).