

Metal Building | Roof | New

Reflectix Installation Instructions



1. Reflectix® Insulation
2. Exterior Roof Panel
3. Purlin
4. Red Metal (Structural Frame)

Tools Required:

Safety Glasses
Tape Measure
Utility Knife
Screw Gun

Recommended Product:

- Reflective/Bubble/Bubble/White - Roll: RDBW48100 (48"x 100')

Open Interior with 3/4" Thermal Breaks

R-5.5* Heat Flow Down

R-3.4* Heat Flow Up

Open Interior without Thermal Breaks and a Nominal 3/4" Drape

R-7.5* Heat Flow Down

R-3.6* Heat Flow Up

Installation Instructions: (There are 2 options)

1. Open Interior with 3/4" Thermal Breaks

- The Reflectix® Insulation is installed with the "white side" towards the interior of the building.
- After the red metal is erected, install the Reflectix® Reflective/Bubble/Bubble/White product over the purlins by using 1/2" self-tapping metal screws and screwing the foil to the purlins.
- Tape the seams with a Reflectix® Foil Tape (goal is an air-tight, snug seam seal).
- Install at least a 3/4" thermal break. If installing a standing seam roof, use clips with thermal breaks.
- Install roofing either by screwing corrugated metal screws through the thermal break and insulation to the purlin or install a standing seam roof.

2. Open Interior without Thermal Breaks and a Nominal 3/4" Drape

- Per instructions above without the thermal break.

* Includes thermal resistance of 0.61 UP and 0.92 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).

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Revised 012021