Metal Building / Roof / Retrofit

InfraStop® Installation Instructions

1. InfraStop® Insulation
2. Exterior Roof Panel
3. Purlin
4. 1”x 2” (Nominal) Furring Strip
5. Red Metal (Structural Frame)

Recommended Products:
Reflective/Bubble/Bubble/Reflective - Roll: ISFDF48100 (48” x 100’)

Open Interior with 1”x 2” Furring
R-11* 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:

- 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 InfraStop® to prevent the possibility of freezing in the winter. In many instances the InfraStop® product must be installed up near the roof deck.
- Install 1”x 2” furring strips on the bottom of and perpendicular to the Z purlins on 22” centers. Utilize 1 1/4” self-taping sheet metal screws to secure the furring strips to the Z purlins.
- Butt the furring strips together and tape. Staple tape for reinforcement.

Tools Required:
- Safety Glasses
- Tape Measure
- Utility Knife
- Screw Gun
- Staple Gun
• Staple the edges of the InfraStop® Reflective/Bubble/Bubble/Reflective product to the furring strips with the 3/4” tabs (so that they will overlap at the seam).
• Tape the seams with a InfraStop® Foil Tape (goal is an air-tight, snug seam seal).
• Staple product at approximately 4” intervals 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 InfraStop®.
• ALWAYS check the area you are insulating and make any needed repairs. Any worn wiring should be replaced before you begin installing InfraStop®.
• 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 InfraStop® on windy days.
• When installing InfraStop® 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.insulationstop.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 InfraStop® 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 InfraStop® products as a guideline. There are no claims on the part of InfraStop® that these building assemblies are finite standards or meet building code requirements (as they can vary by region).

InfraStop®
www.insulationstop.com
Phone: 800-871-0410
Fax: 888-838-5376
Email: customer.support@insulationstop.com