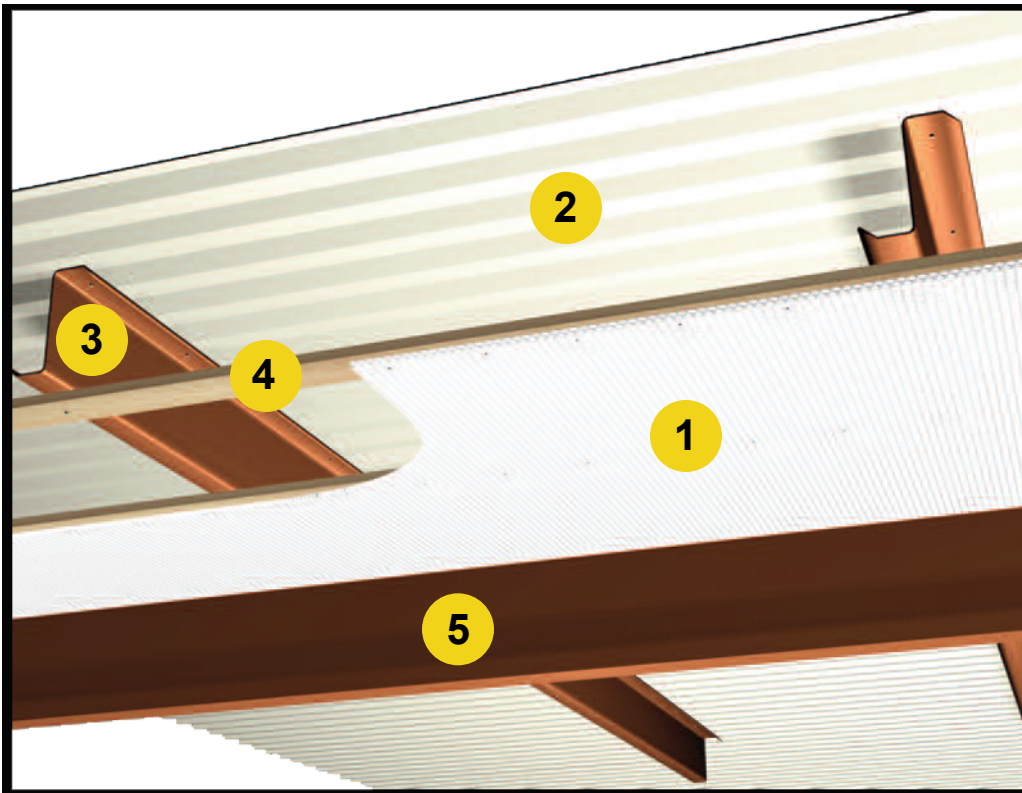


Metal Building / Roof / Retrofit

InfraStop® Installation Instructions



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

Tools Required:

- Safety Glasses
- Tape Measure
- Utility Knife
- Screw Gun
- Staple Gun

Recommended Products:

White/Bubble/Bubble/Reflective - Roll: ISWDF48100 (48" x 100')

Open Interior with 1"x 2" Furring

R-7.5* Heat Flow Down

R-3.6* Heat Flow Up

Installation Instructions:

- The InfraStop® Insulation is installed with the "white side" towards the interior of the building.
- 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® White/Bubble/Bubble/Reflective Insulation 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. >

- Staple the edges of the InfraStop® White/Bubble/Bubble/Reflective product to the furring strips with a 3/4” overlap at the seams.
- 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 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 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®

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