

# Radiant **GUARD**

Protecting Your Energy Costs

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## Installation for RetroFit Post Frame Pole Barn Roof Open Interior (R-Value 9.0 or 10.0)

Please read and follow all of the steps below to ensure proper installation.

### Products Suggested:

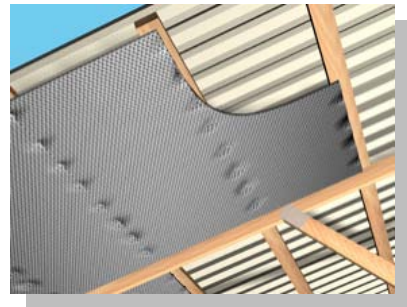
- Radiant GUARD™ **FOIL** or **WHITE Bubble** radiant barrier insulation

### Materials Needed:

- Tape Measure
- Utility knife
- Scissors
- Staple gun and 5/16" staples
- Foil or White tape

### Instructions for Bottom of Purlins (R-Value 9.0):

1. Measure the distance between trusses.
2. Cut pieces of the bubble insulation 6" longer than the distance between the ridge pole and the bird's mouth.
3. Staple the product to the bottom of the purlins with 5/16" staples approximately 3 to 4" apart. Turn the edges down and staple to the side of the top cord of the trusses.
4. Staple the top of the bubble insulation to the ridge pole and the bottom to the top plate at the wall.
5. Tape all butt seams with tape.



### Instructions for Bottom of Trusses (R-Value 10.0):

1. Check the roof area for clutter, water sprinklers, conduit and lights. All water pipes must be below the bubble insulation to prevent the possibility of freezing in winter.
2. Nail 1" X 2" furring strips to bottom of and perpendicular to the trusses on 22" centers (if truss spacing is 24", you can install the bubble insulation directly to the bottom cord of the truss).
3. Butt the furring strips together and tape for reinforcement.
4. Staple the edges of the bubble insulation to the furring strips ensuring the edges butt against each other or overlap.
5. Tape the seams with tape to gain an air-tight seal.
6. Staple the bubble insulation every 4" or so down the middle of the section into the furring strip above.

