

# Radiant **GUARD**

Protecting Your Energy Costs

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## Installation for Retrofit Metal Building Roofs Open Interior (R-Value 11)

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
- Tek screws
- Foil or White tape

### Instructions (R-Value 11):

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. In many situations, the bubble insulation must be installed up near the roof deck.
2. Install 1" X 2" furring strips on the bottom of and perpendicular to the Z purlins on 22" centers. Use 1 ¼" self-taping sheet metal screws to secure the furring strips to the Z purlins.
3. Butt the furring strips together and tape for reinforcement.
4. Staple the edges of the bubble insulation to the furring strips with a ¾" overlap at the seams and tape seams. Gaps will cause air infiltration which may cause condensation.
5. Staple bubble insulation every 4" down the middle of the section into the furring strip above.

