

# Radiant **GUARD**

Protecting Your Energy Costs

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## Installation for Retrofit Post Frame Pole Barn Walls Open Interior (R-Value 5.3) Metal Interior (R-Value 6.3)

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

### Installation for Inside of Girts (R-Value 5.3 with open interior):

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. Radiant **GUARD**® bubble insulation can be installed either vertically or horizontally.
3. Attach the bubble insulation to the inside of the girts using 5/16" staples.
4. Butt seams and tape. Gaps in seams will cause air infiltration, which may cause condensation.
5. Staple the product every 4" to the girts.
6. For interior covering, attach 1" X 2" furring strips perpendicular to the girts through the bubble insulation.
7. Attach interior panel to the furring strips. This will provide a 1" nominal air space between the interior panel and the bubble insulation and a 1 ½" nominal air space between the bubble insulation and the exterior panel. This achieves an **R-Value 6.3** if a metal interior surface is used.

