

# Radiant **GUARD**

Protecting Your Energy Costs

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## Installation for Radiant Heat Floors With Wood Joists Under Joists (R-Value 17.0) Inside Cavity (R-Value 12.0, 7.3, 3.8 or 2.7)

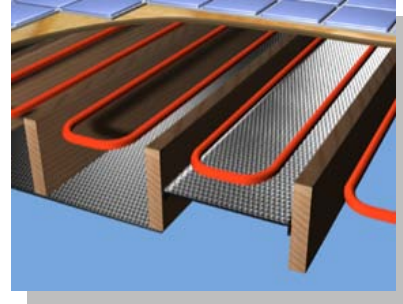
Please read and follow all of the steps below to ensure proper installation.

### Products Suggested:

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

### Materials Needed:

- Tape Measure
- Utility knife
- Scissors
- Flat-edge taping tool



### Instructions for Under Floor Joists (R-17):

1. Beginning at one end of a joist cavity, install the RadiantGUARD® bubble insulation with staples to the sub-floor or band board.
2. Staple the bubble insulation all the way down the joist to the face of each joist every 3" to 4" enclosing the entire joist cavity.
3. Repeat for each joist cavity.

### Instructions for Inside Floor Joists (R-Value based on air space):

1. RadiantGUARD® bubble insulation can be installed inside the joist cavity spaces by positing the product to the depth desired and stapling every 3" to 4" to the insides of the joists.
2. Based on the air space provided above the bubble insulation, the following R-Values can be achieved:
  - ½ inch air space = R-Value 2.7
  - ¾ inch air space = R-Value 3.8
  - 1 ½ inch air space = R-Value 7.3
  - 3 ½ inch air space = R-Value 12.0