

# Radiant **GUARD**

Protecting Your Energy Costs

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## Installation for Radiant Heat Floors in Concrete (R-Value 1.1)

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

### Products Suggested:

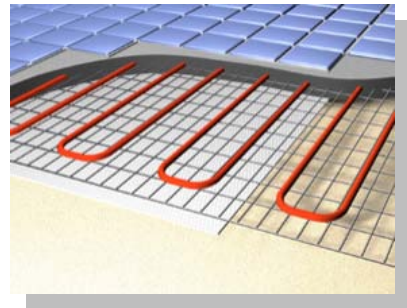
- Radiant **GUARD**™ **WHITE Bubble** radiant barrier insulation

### Materials Needed:

- Tape Measure
- Utility knife
- Scissors
- Flat-edge taping tool
- 2" White poly tape

### Instructions:

1. Unroll **Radiant Guard**® bubble insulation over the sand or gravel, aluminum side facing the ground (white poly side up) prior to pouring the concrete.
2. Butt and tape the seams with white poly tape. Tape should be applied using a flat-edged taping tool to assure good adhesion.
3. Install radiant heating on top of the bubble insulation per the manufacturers specifications and then pour the concrete as usual.



### General Notes:

- It is very important to ensure the radiant heating and concrete is laid on top of the WHITE side of the product (foil side facing down to ground) to avoid corrosion of the foil by the non-cured concrete alkaline.
- Adding 1" of sand over the insulation will facilitate water drainage and shorten the actual curing time.