

Radiant GUARD

Protecting Your Energy Costs

Installation for Cathedral Ceiling

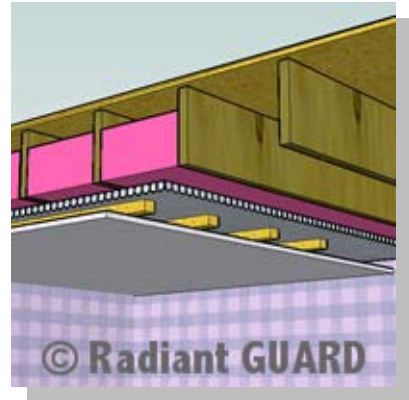
Please read and follow all of the steps below to ensure proper installation.

Products Suggested:

- **RadiantGUARD® Foil Double Bubble** radiant barrier products (serves as vapor barrier)
- **RadiantGUARD® Ultima** solid (serves as a vapor barrier)

Materials Needed:

- Tape Measure
- Utility knife or scissors
- Staple gun and 5/16 staples
- Furring strips



General Instructions:

1. Check all visible wiring for frayed, cracked or missing wire insulation before beginning. Repair all such defects. Exposed "live" wires can cause injury to installers when they contact them with the aluminum radiant barrier. Contact an electrician for safe correction of electrical problems.
2. Check for moisture problems (condensation or water spots on the underside of roof, wet insulation, moisture around bath or kitchen vents, etc.) and repair as necessary.
3. Install unfaced mass insulation between rafters ensuring a minimum of 1" ventilation space between the mass insulation and the underside of the roof decking. Check with local codes to determine if you must maintain a larger air space. If necessary, you can install vent chutes or baffles to ensure the proper air flow channel.
4. Unroll and staple reflective insulation to the under side of the rafters.
5. Seal all seams with aluminum foil tape.
6. Install furring strips to the underside of the radiant barrier every 16" perpendicular to the rafters.
7. Install drywall to the furring strips as usual.

Alternative Installation for AL, AR, CA, GA, FL, LA, MS, NC, NM, NV, OK, SC, TN & TX only:

In the above states, you can staple the FOIL Double Bubble insulation directly to the roof decking instead of installing to the underside of the rafters as indicated above. You must leave at least a 1" airspace between the bubble insulation and the fiberglass insulation below.

In this installation, you do not need to secure furring strips before attaching the drywall.