

Radiant **GUARD**

Protecting Your Energy Costs

Installation for Crawl Spaces (R-Value 16.8)

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

Products Suggested:

- RadiantGUARD® **FOIL** or **WHITE Bubble** radiant barrier insulation
- RadiantGUARD® **Ultima** solid (serves as a vapor and radiant barrier; no R-Value provided)

Materials Needed:

- Tape Measure
- Utility knife
- Scissors
- Staple gun and 5/16 staples

Instructions:

1. Inspect your crawl space for un-insulated and live wires prior to installation and make any needed repairs before installing. Contact an electrician if un-insulated wiring is present; do not install material until repairs are complete. Do not staple through live wires!
2. Check your crawl space to determine whether your floor joists are 16" or 24" on-center. Material can be cut to fit into cavity to run with floor joists or can be applied horizontally on outside (bottom) of joists.
3. Determine if there are water pipes and heating duct, which hang below the floor joists. These will need to be insulated. There is no need to wrap water pipes or duct work that fall between floor joists.
4. Start at the end of the house and staple material to the bottom of the floor joists. Leave enough length so the insulation can be pulled up to the band boards and stapled.
5. Start the next run and face staple to the bottom of the floor joist. Overlap the seams and seal with Aluminum foil tape create a vapor barrier. (Duct tape will not maintain reflectivity or produce a vapor retardant seal. It will also not stick to the aluminum permanently.) At the ends, staple up to the sub-floor or band board.

