Seal and Insulate with ENERGY STAR®
Insulation Installation Check Sheet

The following **must** be included in the installation instructions in order to fully meet all applicable program requirements:

**NOTE:** For reflective insulation, additional requirements are provided in a separate document, *Guidance for Reflective Insulation Installation Instructions*.

**NOTE:** The following product types are **not** included in the program scope: Radiant barriers, duct or pipe insulation, insulation chinking materials, small volumes of spray foams, flashing, vents, baffles, house wraps, structural insulated panels (SIPs), paints, coatings, and exterior or interior finishing. R-values claimed for foil faced laminated systems for exterior applications (not in a formally enclosed airspace) are also not included in the scope of this program.

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| □  | **Personal Protective Equipment**  
A description of recommended Personal Protective Equipment (PPE) for safe and effective handling and installation of product (e.g. eye wear, gloves, other skin protection, respiratory protection such as dust masks or respirator, etc.). |
| □  | **Locations/Applications**  
A description of the location(s) or scenario(s) in the home this set of instructions is applicable to. The application should apply to a whole or continuous surface such as a wall, ceiling or floor. |
| □  | **Site Preparation**  
A description of any site preparation needed before beginning installation to ensure the user will get the full performance from the product (e.g. dry surface, removal of obstructions, etc.) |
| □  | **Air Sealing**  
For blanket, board, and loose fill insulation types, a detailed description of recommended air sealing methods (e.g. caulking the cavity before inserting insulation, taping board insulation joints, sealing typical holes and gaps, etc.) to ensure the user will get the full thermal performance from the product. |
| □  | **Installation Instructions**  
A step by step description of product installation methods to achieve the listed R-value such as cutting, shaping, forming or other manipulation of the product, proper insertion of product into enclosed spaces, proper mixing, proper blowing strategies, etc. |
| □  | Recommended characteristics of mechanical fasteners (e.g. type, size, spacing, corrosion protection requirements, etc.) and/or adhesives (e.g. type, bead size, cure time, etc.) necessary to maintain the insulation in place. |
| □  | Clearly identify whether the product is required by the manufacturer to be installed by a trained or certified installer. |
| □  | A statement that the product must not contact hot objects (e.g. chimneys, furnace and water heater flues, lighting fixtures, etc.) and to maintain gaps in accordance with local codes. |

**NOTE:** Step by step product installation instructions may be either included in the report or attached at the end of the report.

**NOTE:** Information that is not instructional or not relevant to the certified product should not be included (e.g. marketing claims, instructions not applicable to the product under certification, product performance claims, product physical properties, etc.)
## Requirement

**Product and Application Specific Instructions**

- For blanket or loose fill insulation, a description of inserting baffles in vented attic applications.
- For loose fill and spray foam insulation, a brief description of the recommended equipment needed to apply the product.
- For blanket, spray foam, and board insulation that is installed over crawlspace walls, a description of the interaction of the product with the vapor barrier that covers the floor and comes up the walls.
- For foam plastic (e.g. spray foam or board foam) insulation installed over crawlspace walls, a description of one method of ensuring a termite inspection gap near the sill plate and the ground to provide guidance to installers in "very heavy" termite infestation probability areas where this is a code requirement.
- For board and spray foam insulation, a statement indicating that local codes should be consulted in regards to appropriate thermal and ignition barriers for use with the product.

**Diagrams and Labels**

At least one detailed drawing, diagram, illustration, picture or other graphic representation for each location or scenario for which the product is certified showing the proper installation and orientation of the product. Typical scenarios:

- Above grade wall (inside)
- Above grade wall (outside)
- Below grade wall (inside)
- Below grade wall (buried outside)
- Crawlspace wall (under house)
- Roof or rafters (cathedral ceiling)
- Attic floor
- Attic knee wall
- Ceiling of basement or crawlspace
- Over concrete floor
- Inside/under concrete floor
- Other ______________

**Re-Entry/Re-Occupancy Times**

A listing of the time period, time range, or a table of ranges for wet insulation to dry (such as wet-spray cellulose or fiberglass) or for any chemical reactions to be completed for safe re-entry into building (such as spray or pour foam insulations).