



Pure Safety[®]

HIGH PERFORMANCE INSULATION



INSTALLATION INSTRUCTIONS



These instructions cover the application of Pure Safety[®] High Performance Insulation in:

- Attic knee walls
- Above-grade framed walls
- Below-grade / foundation interior framed walls

Site Preparation:

- Framing cavities and surfaces where Pure Safety[®] High Performance Insulation will be installed should be dry and free of construction debris.
- Stage insulation packages (unopened), and any accessory materials throughout the site prior to beginning any installation.

Air Sealing

Prior to installing Pure Safety[®] High Performance Insulation the following areas should be addressed:

- Seal all joints and gaps in exterior sheathing
- Seal all penetrations through exterior sheathing and framing members.



General Notes:

- This product does NOT require a trained or certified installer.
- This product does NOT require evacuation of the building during installation, due to chemical reactions; thus there are NO applicable re-entry / re-occupancy times.
- This product is classified as an “Article” under the OSHA Hazard Communication Std. and does not require a Safety Data Sheet. Copies of the Article Declaration Letter and Safe Use Instruction Sheet (SUIS) are available on Owens Corning.com.
- Protect from open flame or heat sources. Do not place insulation within 3 inches of light fixtures or similar electrical devices unless labeled for contact with insulation.

Tools & Equipment:

- Tape measure
- Utility knife
- Straightedge (for cutting insulation)
- Portable work light (as needed)

Recommended Protective Gear:

- Work gloves (cut-resistant type recommended)
- Loose-fitting, long-sleeved shirt
- Safety glasses
- Disposable dust mask



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Installation instructions for Pure Safety[®] High Performance Insulation

General (for all applications):

- This product is designed for “friction fit” installation – no stapling is necessary / required.
- The insulation should completely fill, and fit snugly within, all framing cavities, with no voids, areas of compression or gaps between the insulation and framing members.
- For cavities with obstructions –
 - Insulation should be split and placed both behind and in front of wiring, to fill the cavity and avoid gaps / areas of compression.
 - Insulation should be cut to fit snugly around electrical boxes; place the cut out portion behind the box to fill the void.
- For cavities of non-standard height or width, cut the insulation at approximately 1/2 inch greater than the height / width dimension to ensure full cavity fill and snug fit.

Specifics (all framed wall assemblies):

- [NOTE: packaged insulation is highly compressed and expands significantly and immediately upon opening of and removal from the bag or wrapper]
- Hold batt at both edges and place in the cavity:
 - Start at the top, ensuring there is no gap between the insulation and top plate, and work down to the bottom.
 - Push insulation with just enough force to ensure it is fully in the cavity but not compressed (less than the labeled thickness).
 - Carefully run hands down along the edges of installed insulation to ensure it is filling the back corners and / or is not caught on any projections from the framing members.
- If there is any excess insulation at the bottom:
 - Never fold insulation to fit in the cavity as this will create a void from side-to-side.
 - Recheck for gap at the top of cavity
 - If so, reposition insulation.
 - If not, trim off excess to approximately 1/2 inch.

