



# THERMAFIBER® FIRE & SOUND GUARD® PLUS

## INSTALLATION INSTRUCTIONS & GUIDELINES



### APPLICATIONS

These instructions cover the installation of Thermafiber® Fire & Sound Guard® Plus in:

- Above-grade framed walls: interior and exterior
- Attics
- Attic knee walls
- Below-grade/foundation interior framed walls
- Ceilings
- Floors

### SITE PREPARATION AND SEQUENCING

- Framing cavities and surfaces where Thermafiber® Fire & Sound Guard® Plus 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 Thermafiber® Fire & Sound Guard® Plus insulation, the following areas should be addressed:

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

### TOOLS AND EQUIPMENT

- Tape measure
- 6" or longer serrated-edge knife
- Straightedge (for cutting insulation)
- Portable work light (as needed)

### PROTECTIVE GEAR

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

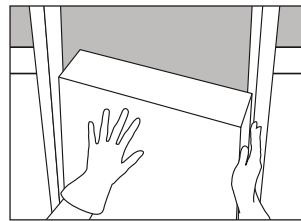
### INSTALLATION

#### 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 slit at the back of the batt to allow the insulation to slide over wiring/plumbing, 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 ½ inch greater than the height/width dimension to ensure full cavity fill and snug fit.

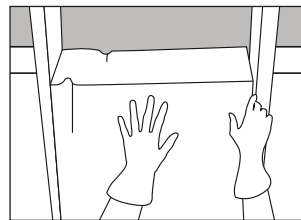
#### Specifics (all framed wall assemblies)

NOTE: Packaged insulation is highly compressed and expands significantly and immediately upon opening of and removal from the bag or wrapper.



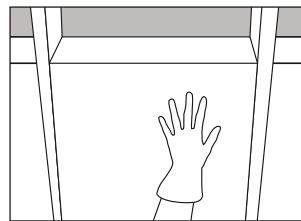
#### 1. Measure & Cut

Fire & Sound Guard® Plus Mineral Wool is easy to cut with a knife for custom fitting around electrical boxes, pipes, ductwork, wiring, or between non-standard studs and joists.



#### 2. Squeeze & Insert

Fire & Sound Guard® Plus Mineral Wool is flexible and pliable; simply squeeze the sides to compress the insulation and insert into the desired wall.



#### 3. Release & Expand

Once in place, Fire & Sound Guard® Plus Mineral Wool naturally expands to fill in the space, creating a snug, custom fit.

## 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.
- See Owens Corning publication “Thermafiber® Fire & Sound Guard® Plus Mineral Wool Insulation Data Sheet” (Pub. No. 10025220) for more information.

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