PAU Installation Instructions for Laminate & Engineered Wood Flooring

Prep Work

- Failure to follow installation instructions could result in voided warranty
- *Floor moisture level should not exceed 3%*
- *If relative humidity is over 75%, product should not be installed*

1. Inspect concrete sub floor for any open cracks and fill with high-grade epoxy filler. Remove any excess concrete lumps or residue that may interfere with the installation of the underlayment.

Wood Floor

Sub floor should be properly sloped, structurally sound, level, and clean. Good grade plywood that does not exceed deflection of L/360 of span including live and dead loads should be used.

The **PAU**® sound reducing underlayment consists of soft impact absorbing boards. Small irregularities in the sub floor (up to 2mm), are leveled out perfectly by **PAU**®.

2. **PAU**® tiles & the laminate flooring must acclimatize in their sealed packaging, in the room where they are installed for at least 48 hours, at a temperature of at least 65˚ F. (Fig. A) Before starting your installation of **PAU**® make sure the sub floor is permanently dry, and clean, (no dust).

Material needed for installation

- *4 mil poly plastic sheet / vapor barrier (required)* *
- *Acoustical Sealant (optional)* *
- *Aluminum Tape (optional)* *
- *Double side tape (optional)*

* *Material available from Sound Seal*

6 mil poly plastic sheeting is required over a sub-floor heating system

Tools needed for installation

- Utility Knife

Installation Instructions

1. Install 4 mil poly sheeting (vapor barrier) over all areas where **PAU**® is going to be installed. Use double side tape to attach poly sheeting to the edges of walls. Overlap poly sheet joints at least 8 inches. These overlaps must be sealed over their total length with aluminum foil tape (which has a rubber glue layer). Installation of **PAU**® over a sub-floor heating system requires a 6 mil poly sheeting. (Fig. B)

2. Install the optional perimeter isolation foam vertically around the perimeter of the entire floor, piping, and all other obstacles *or* you can leave a ¼" expansion around the perimeter.
(Fig. C)

   Never mechanically fasten the isolation foam with screws, nails or staples as this will severely diminish the acoustical value of the entire sound rated floor system.

3. Determine the installation direction of the finished flooring, as **PAU**® has to be installed at a 90-degree angle to the finished floor. (Fig. D)

4. Install **PAU**® tiles in a brick fashion, making sure the **PAU**® tiles are butted closely together. Do not install more **PAU**® tiles than can be covered by the laminate floor in one day. (Fig. D)

5. The finished flooring is to float on top of the **PAU**® tiles. (Fig. D)

6. Trim back the perimeter isolator to the height of the finished floor using a utility knife. Install base boards 1/16" off the finished hardwood floor to prevent flanking paths. Caulk gap using Sound Seal acoustic caulk (if desired - Fig. E)

Fig. A

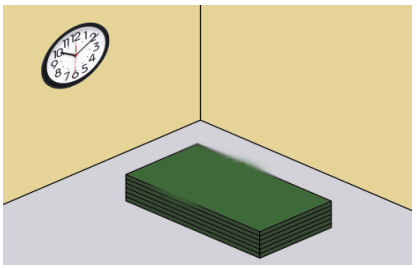

Fig. B

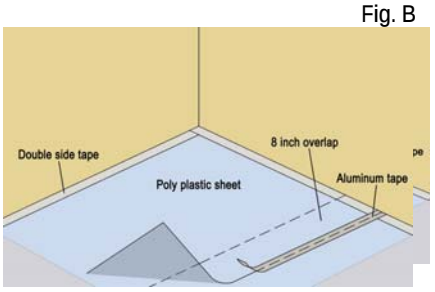

Fig. C

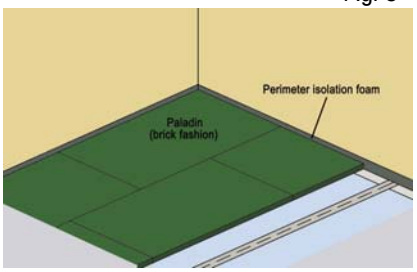

Fig. D

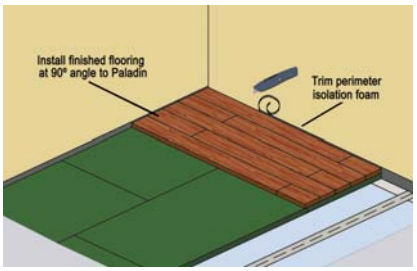

Fig. E