

Soundeater® Installation Instructions for 3/4" nail down hardwood flooring

IMPACTA Acoustical Floor Underlayments

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 Soundeater® system consists of soft boards and wood profiles. Small irregularities in the sub floor (up to 2mm) are leveled out perfectly by Soundeater®.

2. Soundeater® tiles 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. Before starting your installation of Soundeater® make sure your sub floor is permanently dry, and clean, (no dust). (Fig. A)

Material needed for installation

- 4 mil poly plastic sheet (vapor barrier)*
- Acoustical Sealant (optional) *
- Aluminum Tape*
- 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
- Handsaw
- Pneumatic floor nailer & mallet
- 1 1/2" floor nails

Installation Instructions

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

2. Leave a minimum of 1/2" expansion around the perimeter of the entire floor, piping, and all other obstacles.

3. Place the first row of Soundeater® base-boards as follows:

- Cut the Soundeater® sheets lengthwise in half, then the first board in half widthwise. Install the first row (half sheets only) against the perimeter isolation strip and Soundeater® rows: Start with a full-size sheet and slide it onto the tongue of the wood profile of the first row, then install the entire row. Cut the last sheet. Install wood profile by sliding it on the tongue of the sheets. (Fig. C)

Important: Seams of the wood profiles have to stagger at least 18 inches and be flush with the tops of the Soundeater® panels.

4. The hardwood floor is to be installed perpendicular to the Soundeater® underlayment system and is not to exceed the edge of the Soundeater® sub floor. Using 1 1/2" nails, nail the hardwood floor to the wooden nailer strips. (Fig. D) Ensure that nails/staples do not penetrate the floating floor assembly. 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 acoustical sealant if installing wood floor in a wet room, such as a kitchen or bathroom. (Fig. E)

