

Cera Silence® Installation Instructions for Ceramic Tile & Natural Stone 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.

All sub floor work should be in accordance with the recommended procedures as published by the Tile Council of America.

The Cera Silence® system consists of a soft base-board and a wood fiber cement top-board, each with a layer of interactive adhesive. Small irregularities (up to 2mm) in the sub floor, such as joints and cracks, but also wooden substrates are leveled out perfectly by Cera Silence®. The adhesive layers of both boards have to face each other.

2. Cera Silence® 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 Cera Silence® 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 (required) *
- Perimeter isolation foam *
- 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 (for soft board)
- Skill saw (for cement board)

Installation Instructions

1. Install the precut 3/8" thick perimeter isolation barrier vertically around the perimeter of the entire floor, piping, and all other obstacles. The perimeter isolation barrier must be installed prior to the Cera Silence® installation. (Fig. C)
2. Install 4 mil poly sheeting (vapor barrier) over all areas where Cera Silence® 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. Installation of Cera Silence® over a sub-floor heating system requires a 6 mil poly sheeting. (Fig. B)

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.

Note: It is important that joints from the baseboard are staggered from the top board. (Fig. C)

3. Soft bottom board: Shorten the first board to 3/4 of its length. Cut the first row in half lengthwise. Lay the second row in brick fashion against the first row. Be careful not to crush the perimeter foam. Install the baseboards with their protective clear foil upwards. (Fig. C)

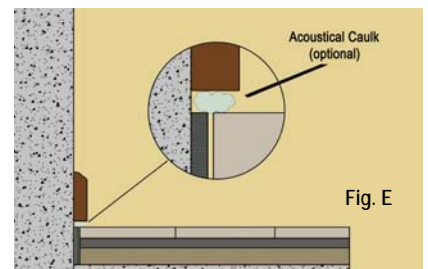
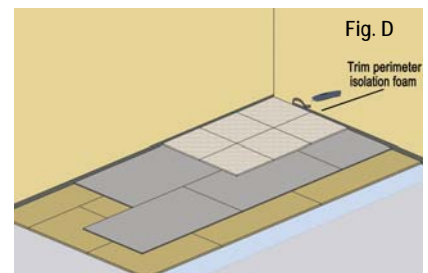
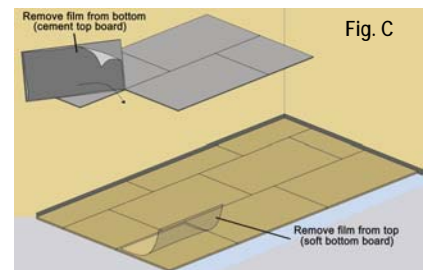
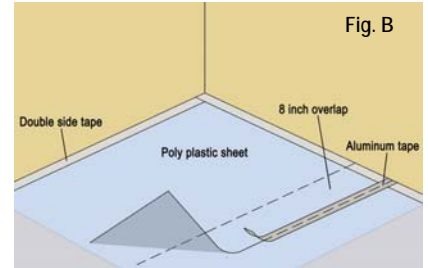
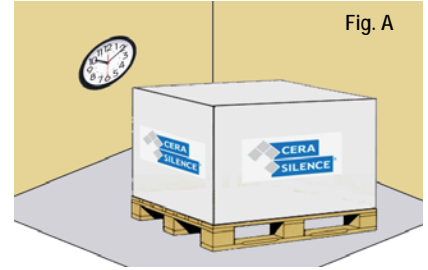
Cement top board:

Start laying full boards in brick fashion row after row. Crosscut the length seams of top board to insure staggered seams. Then, remove protective clear foil from top and bottom boards at the moment of application. Work neatly and do not walk on glued layer. (Fig. C)

Finished Floor

Follow manufacturer recommended instructions for installation of finished floor tile confirming to ANSI A108.1 A, B, C and A108.4 and 108.5 depending upon method of installation.

After the tile floor is installed and grouted, visually inspect and remove where necessary any excess mortar that is in contact with the walls or any other obstacle. Failure to do so can result in loss of performance. Trim the perimeter isolation barrier 1/16" below the finished floor surface (Fig. D) prior to the caulking of the joint of non-hardening Sound Seal acoustical sealant. (Fig. E)



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