



70-113

INSTALLATION INSTRUCTIONS

Surface Preparation

1. Always follow the flooring manufacturers' installation instructions with respect to preparing and leveling sub-floor.
2. Acceptable subfloor surfaces for AcoustiShield™ Underlayment installation are concrete, gypsum, wood subfloors, and approved self-leveling compounds.
3. DO NOT install AcoustiShield™ over particleboard, chipboard, Masonite, or lauan.
4. Inspect the subfloor before installation. The subfloor must be dry, clean, smooth, level, and structurally sound.

It is the installer's responsibility to test for moisture in concrete or cementitious substrates. For installations over concrete, verify that the slab is dry. Moisture emission rates must not exceed 3 lbs per 1,000 sq ft over 24 hours, as measured by the Anhydrous Calcium Chloride Test. NOTE: Failure to test for moisture emissions or exceeding the stated moisture emissions rate listed above will void the manufacturer's warranty.

5. The subfloor surface should be flat within 3/16 in. (4.8 mm) over 10 ft, or as required by the flooring manufacturer.
6. Cracks, depressions, or irregularities in concrete subfloors must be repaired using a cement-based patching or leveling compound.
7. A pH test should be conducted on concrete subfloors to ensure alkalinity levels are within the limits specified for the selected flooring adhesive. Concrete slabs must be tested for moisture prior to installation. Common testing methods referenced in the standard include: ASTM F1869 and ASTM F2170. Acceptable moisture limits are determined by the flooring or adhesive manufacturer.

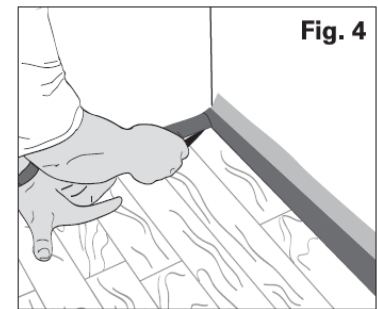
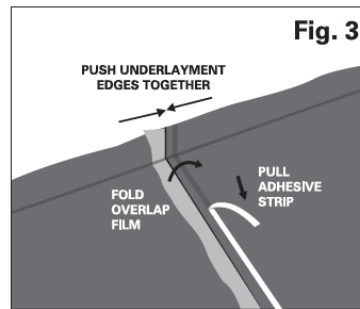
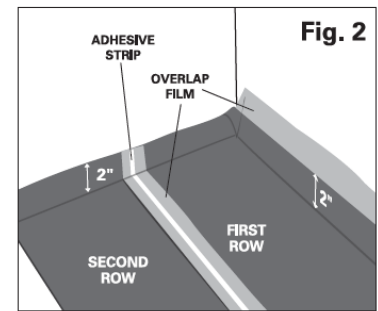
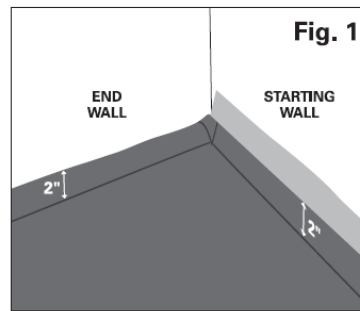
Materials Handling

1. Prior to installation, inspect roll of AcoustiShield™ underlayment for any visible defects. Claims for labor or material installed with visible defects will not be honored.
2. Allow AcoustiShield™ to acclimate to room temperature for a minimum of 24 hours prior to installation

Floating Floor Installation

1. Unroll AcoustiShield™ onto the floor and allow the material to relax for approximately 2 hours. Lightly shaking or flexing the roll may help the material flatten.
2. Start in the corner of the room by rolling out the underlayment with the overlap flap and adhesive strip facing up. Put the overlap flap side of the underlayment against the wall, running it 2 inches up both the starting wall and both end walls (see Fig. 1). This 2-inch perimeter running up the wall provides a moisture-proof enclosure for the flooring.

3. Lay a second row of underlayment alongside the first, (butt the edges together but do not overlap them) with the overlap flap facing the first row. The overlap film will lie over the adhesive strip from the first row (see Fig. 2). Allow for the ends to wrap up the end walls to maintain the 2-inch perimeter of underlayment around the room.
4. Fold back the overlap flap to expose the peel and stick adhesive strip. Remove the protective cover from the adhesive strip (see Fig. 3), and lay the overlap flap across the first row of underlayment. Press into place. Repeat steps 3 & 4 row by row until the entire floor area is covered.
5. After the flooring is installed, trim the excess underlayment back. (see Fig. 4).



Glue-Down Installation (Single & Double-Glue Down)

1. Unroll AcustiShield™ onto the floor and allow the material to relax for approximately 2 hours.
2. Beginning in a corner of the room, position the material perpendicular to the direction of the finished flooring installation.
3. Trim the underlayment to fit the installation area.
4. Align adjacent sheets so the edges meet without overlapping.
5. Secure seams using the integrated lip and tape system.
6. Fold one section of the material back to expose approximately half the width of the roll.
7. Apply adhesive beneath the folded section using the appropriate trowel:
 - o 1/16" x 1/32" x 5/64" U-notched trowel, or
 - o 1/16" square-notched trowel
8. Carefully place the underlayment into the wet adhesive. Avoid dropping or allowing the material to fall abruptly onto the adhesive, which can trap air beneath the surface.
9. Fold back the remaining half of the sheet and the adjoining sheet. Apply adhesive perpendicular to the seam to minimize adhesive squeeze-through. Avoid leaving adhesive ridges or puddles, as they may telegraph through the material.
10. Within 45 minutes of placing the material, roll the underlayment using a 35–75 lb flooring roller to ensure proper adhesive transfer. Overlap each pass by 50%.
11. Repeat the process until the entire floor area is completed.
12. Install the finished flooring in accordance with the flooring manufacturer's instructions.

Nail-Down Installation

1. Follow the flooring manufacturer's instructions for nail-down flooring installations, including the recommended fasteners, adhesives, and installation procedures.
2. Note, penetrating the AcustiShield™ underlayment with any mechanical fastener (i.e., nails, screws, or staples) could affect the moisture barrier and reduce the acoustic performance of the system.