

# Detail Installation

## AcoustiStep



Premium rubber underlayment for laminate, wood, tile and stone floors

### AcoustiStep Underlayment Installation

#### Instructions for Laminate and Hardwood Flooring

##### Prep Work

AcoustiStep Underlayment and the flooring material must acclimatize, in their packaging, in the room where they are installed for at least 48 hours, at temperature of at least 65°F. Before starting installation make sure the subfloor is permanently dry and free of dirt, dust, grease and other foreign matter. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Subfloor moisture percentages should not exceed the flooring recommendations of 5 pounds per 1,000 square feet over 24 hours.

##### Wood Floor Construction

Sub floor should be properly leveled, structurally sound and clean. Plywood subflooring should be of a good grade. Variations in floor level over 1/8" within 3 feet span should be leveled before installing underlayment. Any nails or other protrusions should be pounded flat or removed. Subfloor should have L360 for deflection.

##### Concrete Slab

Inspect concrete subfloor for any open cracks and fill with a high grade patch. Remove any excess concrete lumps or residue that may interfere with the installation of AcoustiStep. The concrete slab should be permanently dry. A good quality concrete waterproof sealer may be required if moisture in slab is too high.

##### Installation of AcoustiStep under Hardwood

Installation under glue down hardwood (solid and engineered) AcoustiStep underlayment needs to be adhered to the subfloor. Use a high quality Urethane adhesive such as Bostik Best or equivalent. Use 1/8" x 1/8" x 3/16" V-notched trowel (check for 100% transfer of adhesive and adjust to a larger trowel size of conditions require it).



##### Installation of AcoustiStep rubber in opposite direction to the hardwood floor.

Start in a corner and roll out AcoustiStep rubber installing it flush to the walls. Roll up the roll halfway and apply adhesive on exposed area, roll back over adhesive and flat trowel any air pockets, continue with other side the same way.

Continue rolling out and gluing down AcoustiStep in the same manner until the entire area is covered. Make sure the edges are tightly butted together, both side by side & end by end. Use a 50-100 lb roller to fully bond the AcoustiStep to subfloor.

After 8 hours or when adhesive is cured install glue down hardwood flooring using the same adhesive as the bond coat and follow manufactures written instructions. Install baseboard slightly off floor to avoid flanking path.

##### Installation under nail down hardwood (solid and engineered)

Install AcoustiStep rubber in opposite direction to the laminate or hardwood floor. Start in a corner and roll out AcoustiStep installing it flush to the walls. Continue the next row in the same manner until the whole room is covered. You can tape the seams but it is not necessary. Install the hardwood per manufactures written instructions. Install baseboard slightly off floor to avoid flanking path.

##### Installation under laminate and floated engineered hardwood

Install AcoustiStep rubber in opposite direction to the laminate or hardwood floor. Start in a corner and roll out AcoustiStep installing it flush to the walls. Continue the next row in the same manner until the whole room is covered. You can tape the seams but it is not necessary. Install the floated laminate or engineered hardwood per manufactures written instructions. Install baseboard slightly off floor to avoid flanking path.

# AcoustiStep Underlayment Installation Instructions for Tile & Stone Flooring

## Prep Work

AcoustiStep Underlayment and the flooring material must acclimatize, in their packaging, in the room where they are to be installed for at least 48 hours, at temperature of at least 65°F. Before starting installation, make sure the subfloor is permanently dry and free of dirt, dust, grease and other foreign matter. Concrete must be free of efflorescence and not subject to hydrostatic pressure. Subfloor moisture percentages should not exceed the flooring manufacturers recommendation of 5 pounds per 1,000 square feet over 24 hours.

## Wood Floor Construction

Subfloor should be properly leveled, structurally sound and clean. Plywood should be of a good grade. Variations in floor level over 1/8" within 3 feet span should be leveled before installing underlayment. Any nails or other protrusions should be pounded flat or removed. Subfloor should have L360 for deflection.

## Concrete Slab

Inspect concrete subfloor for any open cracks, and fill with a high grade patch. Remove any excess concrete lumps or residue that may interfere with the installation of AcoustiStep. The concrete slab should be permanently dry. A good quality concrete waterproof sealer may be required if moisture in slab is too high.



## Installation of AcoustiStep under Ceramic Tile

AcoustiStep underlayment needs to be adhered to the subfloor. Use a high quality Urethane adhesive such as Bostik Best or equivalent. Use 1/8" x 1/8" x 3/16" V-notched trowel. Start in a corner and roll out AcoustiStep installing it flush to the walls. Roll up the roll halfway and apply adhesive on exposed area, roll back over adhesive flat trowel any air pockets, continue with other side the same way. Continue rolling out and gluing down AcoustiStep in the same manner until the entire area is covered. Make sure the edges are tightly butted together, both side by side & end by end. Use a 50-100 lb roller to fully bond the AcoustiStep to subfloor. Install perimeter isolation strips vertically on walls or leave a 3/16" gap around all perimeter walls (this gap can be filled with a latex caulk but NOT grout).

After 8 hours or when adhesive is fully cured install tile/ stone flooring using a latex modified thin set such as Laticrete 254 or equivalent. The thin set must be keyed into the AcoustiStep to insure proper bond. Grout and trim isolation material flush with floor, hold trim board 1/16" off floor to avoid flanking paths.

