

SOUNDSOLUTION™

PREMIUM ACOUSTICAL UNDERLAYMENT FOR LAMINATE & WOOD FLOORS

Instructions for Floating, Nail-Down and Glue-Down Installation

Sound Solution is a high density polyurethane acoustical underlayment designed to reduce in-room noise and floor-through-ceiling sound transmission in multi-level construction. The floor coverings listed below are commonly installed over Sound Solution. For underlayment installation instructions, first select the floor covering to be installed and the installation method to be used.

Laminate

- Floating Installation

Engineered Wood

- Floating Installation
- Nail-Down Installation
- Glue-Down Installation

Solid Hardwood

- Nail-Down Installation

Site Conditions and Floor Preparation

First, follow the floor covering manufacturer's site conditions and floor preparation instructions. Prior to the installation of Sound Solution, the sub-floor must be clean and dry. When installing Sound Solution on a concrete sub-floor, the moisture emission rate may not exceed 3 lbs. / 1,000 sq. ft. / 24 hrs. per the anhydrous calcium chloride test (ASTM F1869). If moisture emissions exceed this level an additional moisture or vapor barrier may be required, check the floor covering manufacturer's guidelines.



MOISTURE VAPOR CAN PENETRATE Sound Solution, IF INSTALLING OVER A CONCRETE SUB-FLOOR MAKE CERTAIN MOISTURE EMISSIONS ARE WITHIN GUIDELINES PERMITTED BY THE FLOOR COVERING MANUFACTURER PRIOR TO INSTALLATION OR INSTALL AN ADDITIONAL VAPOR BARRIER FIRST.



ACCLIMATE Sound Solution FOR A MINIMUM OF 24 HRS. PRIOR TO INSTALLATION. THE HVAC SYSTEM MUST BE OPERATIONAL AND THE INSTALLATION SITE MUST BE HEATED TO A MINIMUM OF 65°F FOR AT LEAST 72 HOURS PRIOR TO THE INSTALLATION. RELATIVE HUMIDITY MAY NOT EXCEED 65%.

Floating Installation

1. Roll out Sound Solution underlayment parallel to the wall and perpendicular to the direction the floor covering will be installed. Avoid placing a floor covering seam directly over an underlayment seam.
2. Use a utility knife to trim the underlayment to fit the sub-floor leaving no gaps.
3. Install the next section of underlayment in the same manner making sure the seams are butted together but not overlapping. Repeat until the entire installation area is covered.
4. The seams may be taped to hold the underlayment in place during installation.
5. Install the floor covering according to the manufacturer's installation instructions.

Nail-Down Installation

1. Roll out Sound Solution underlayment parallel to the wall and perpendicular to the direction the floor covering will be installed. Avoid placing a floor covering seam directly over an underlayment seam.
2. Use a utility knife to trim the underlayment to fit the sub-floor leaving no gaps.
3. Install the next section of underlayment in the same manner making sure the seams are butted together but not overlapping. Repeat until the entire installation area is covered.
4. The seams may be taped to hold the underlayment in place during installation.
5. Install the floor covering according to the manufacturer's installation instructions.



WHEN USING A PNEUMATIC NAILER OR STAPLER, ADJUST THE AIR PRESSURE ON THE FIRST PLANK SO THAT THE NAIL STAPLE IS FIRMLY SET BUT NOT FULLY COMPRESSING THE UNDERLAYMENT.

Glue-Down Installation

Adhesive Guidelines: Underlayment to Sub-Floor

Premium multipurpose flooring adhesive may be used to adhere Sound Solution to the sub-floor. Suitable adhesives can be obtained from a wide range of adhesive manufacturers. Prior to installation, contact the adhesive manufacturer to verify compatibility with Sound Solution which is a polyurethane foam underlayment. No warranty expressed or implied is made regarding the performance of any adhesive used in conjunction with Sound Solution since the manufacturing and the manner and condition of application is beyond our control. Be sure and follow the adhesive manufacturer's recommendation for trowel size and all site guidelines and installation instructions.

Sound Solution is a non-porous, waterproof membrane. Consideration must be given to the initial "open time" of the adhesive to avoid trapping water beneath the underlayment. Temperature and relative humidity will determine the actual amount of open time needed and the adhesive's working time. One-hundred percent (100%) adhesive transfer to the underlayment is required. If proper transfer is not achieved, remove dried adhesive and reapply the adhesive with the recommended trowel allowing the appropriate open time before proceeding.



URETHANE ADHESIVES MAY NOT BE USED FOR ADHERING SOUND SOLUTION TO THE SUB-FLOOR AS PROPER CURING MAY NOT OCCUR DUE TO THE NON-POROUS NATURE OF THE UNDERLAYMENT. HOWEVER, IT IS ACCEPTABLE TO USE URETHANE ADHESIVES TO BOND THE FLOOR COVERING TO Sound Solution.

Adhesive Guidelines: Floor Covering to Underlayment

Follow the floor covering manufacturer's recommendation concerning adhesive used to adhere the floor covering. Most adhesives may be used to adhere the floor covering to Sound Solution however, prior to installation, contact the adhesive manufacturer to verify compatibility with Sound Solution which is a polyurethane foam underlayment. No warranty expressed or implied is made regarding the performance of any adhesive used in conjunction with Sound Solution since the manufacturing and the manner and condition of application is beyond our control. Be sure and follow the adhesive manufacturer's recommendation for trowel size and all site guidelines and installation instructions.

1. Roll out Sound Solution underlayment parallel to the wall and perpendicular to the direction the floor covering will be installed. Install with the fabric side of the underlayment up and the foam side down. Avoid placing a floor covering seam directly over an underlayment seam.
2. Use a utility knife to trim the underlayment to fit the sub-floor leaving no gaps. Tape seams with polyethylene "plastic" tape.
3. Pull back part of the cut-in underlayment and apply adhesive to the sub-floor with the recommended trowel per adhesive manufacturer's recommendations. Allow recommended open time. Place the underlayment into the adhesive minimizing trapping of bubbles.
4. Roll completed installation with a 35 lb. three-section roller in both length and width directions to ensure adequate bond.
5. Repeat steps 3 & 4 for the other part of the underlayment.
6. Allow recommended adhesive cure time before allowing traffic on the installed Sound Solution underlayment. If flooring is not to be installed on the same day, take care to protect the underlayment from damage by using plywood panels or other means until the floor covering can be installed.
7. Install the floor covering according to the manufacturer's installation instructions.

Manufactured in the USA by

HEALTHIERCHOICE

For further information with respect to your installation, please call (800) 872-8426 or visit www.healthierchoice.com.