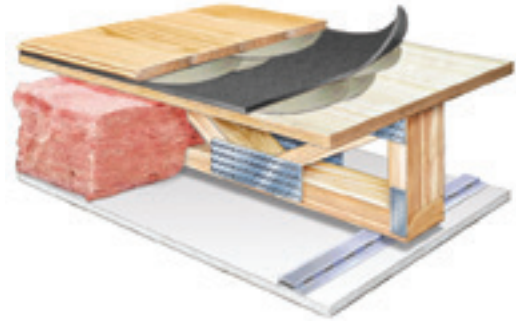




QuietSound™

Acoustical Underlayment



Installation Instructions

Base Preparations

Job Site Preparations

Do not commence installation until suitable temperature and humidity controls are operable and working. A suitably “clean” means of ingress and egress is also required.

Subfloor Requirements & Preparations

1. All subfloors and substrates must be inspected prior to installation. They should be smooth and level to prevent irregularities in the performance of the QuietSound™ acoustical underlayment. All recommendations and requirements provided by the subfloor manufacturer must be followed and the surface must meet the requirements of ACI 117R.
2. Wood subfloors must be prepared according to ANSI L/360 standards when supporting grouted floor coverings such as tile. Particleboard, chipboard, Masonite and Luan/lauan are not suitable subfloors.
3. Concrete subfloors must be fully cured and permanently dry. ASTM F710 requires the subfloor to be free of dust, solvent, paint, wax, oil, grease, asphalt, sealers, curing and hardening compounds, alkaline salts, old adhesive residue and other extraneous materials. To avoid moisture-related flooring failures, test the concrete or other cement-like materials for moisture before installation.
4. Remove all traces of old adhesives, paint or other debris by scraping, sanding or scarifying the substrate. Do not use solvents.
5. Grind all high spots until level and fill low spots with an approved patching/leveling compound. Allow patching/leveling compound to dry thoroughly.
6. All saw cuts (control joints), cracks, indentations and other nonmoving joints in the concrete must be filled with an approved patching/leveling compound. Allow patching/leveling material to dry thoroughly.

Material Storage & Handling

1. QuietSound™ acoustical underlayment should be delivered to the job site in its original, unopened packaging with all labels intact and stored appropriately to prevent damage.
2. Inspect all QuietSound™ acoustical underlayment for visual defects before gluing the product to the subfloor. Under our warranty, U.S. Rubber is not responsible for any incidental or consequential damages, including, but not limited to, a labor claim for installation or removal of product with visually apparent defects.
3. QuietSound™ acoustical underlayment and any adhesive must be acclimated at room temperature for a minimum of 24 hours before commencing the installation.
4. QuietSound™ acoustical underlayment is stretched slightly when it is rolled at the factory. At the job site, the installer should allow all cuts to relax before gluing down. Shaking the product once it is unrolled can help accelerate the relaxation of the product.

Installation

Perimeter Isolation Strips

1. Open windows at least 2" on a daily basis to allow for the evaporation of moisture and avoid a prolonged drying time of any gypsum floor underlayment.
2. Seams between acoustical underlayment sheets, as well as between acoustical underlayment and perimeter isolation strips, must be taped to prevent seepage of adhesive, thinset or grout.
3. Perimeter isolation strips must be installed before placing and trimming acoustical underlayment (see [Diagram 1](#)).
4. Before applying the sealer or installing the finished floor goods, be sure that the gypsum floor underlayment is sufficiently dry by using the plastic sheet test method per ASTM D4263 or a method recommended by the gypsum floor underlayment manufacturer.
5. Install the finished floor in accordance with the flooring manufacturer's directions. After installing the finished floor, trim the excess perimeter isolation strips around the entire perimeter of the finished floor

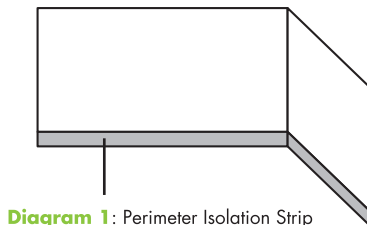


Diagram 1: Perimeter Isolation Strip Glued to Wall

Typical Installation

1. Assume that the walls the QuietSound™ acoustical underlayment is butting up against are not square. Using a chalk line, create a starting point for an edge of the material to follow.
2. Remove the shrink-wrap from a roll of QuietSound™ acoustical underlayment and unroll it onto the floor. Shake the material once it is unrolled to help it to relax.

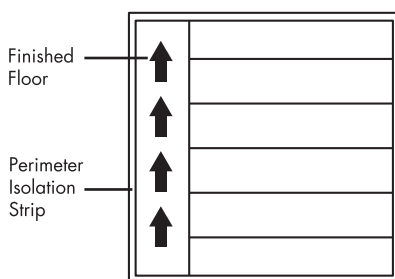


Diagram 2: Installation Direction

3. Place the QuietSound™ acoustical underlayment perpendicular to the subsequent installation direction of the flooring or topping material (see [Diagram 2](#)).
4. To properly fit the surface area to be covered, trim the ends of each section as necessary. Section ends may be trimmed to the exact dimensions required (e.g., joints with walls, etc.).

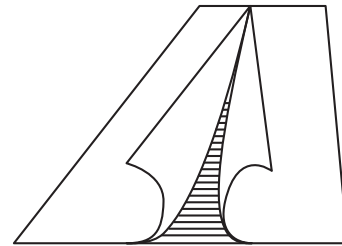


Diagram 3: Seam Alignment

5. Align the lengthwise edge of the material exactly with that of the adjacent underlayment. Do not overlap edges (see [Diagram 3](#)).
6. When using grouted or fully adhered flooring materials, QuietSound™ acoustical underlayment must be adhered to the substrate with a suitable adhesive, preferably QuietGrip™. To comply with U.S. Rubber's warranty, substitute adhesives must be submitted to U.S. Rubber for approval.
7. Fold back the first half of the material roll lengthwise. Spread adhesive using proper notch trowel. Temperature and humidity affect the open time of adhesive. Monitor on-site conditions and adjust open time accordingly. Carefully lay the material onto the wet adhesive, dropping it may trap air which may negatively affect adhesion.
8. Fold back second half of first material roll and first half of second
9. Spread the adhesive. At seam area, spread adhesive at a 90 degree angle to the seam to prevent excessive adhesive oozing up to the surface of the material.
10. Continue the process for each consecutive drop. Work at a pace where the folded material is laid into wet adhesive.
11. Never leave adhesive ridges or puddles. They may seep through the material.
12. Use a 30 to 50 lb. roller to roll over the floor within 45 minutes to ensure proper transfer of adhesive. Overlap each pass of the roller by 50% of the previous pass to ensure that the floor is properly rolled.

Installation

Floor Finish

1. Do not mechanically fasten any material into or through QuietSound™ acoustical underlayment. Any mechanical connection, such as nails, screws, staples, etc., will transmit noise through to the building structure, compromising the acoustical performance of QuietSound™.
2. Install self-locking floors, such as wood laminates, over QuietSound™ following the manufacturer's recommendations.
3. Glue standard wood flooring directly to QuietSound™, (if not floating), using the flooring manufacturer's recommended adhesive.
4. Never leave adhesive ridges or puddles. They may seep through the material.
5. Use a 30 to 50 lb. roller to roll over the floor within 45 minutes to ensure proper transfer of adhesive. Overlap each pass of the roller by 50% of the previous pass to ensure that the floor is properly rolled.
6. If a flooring manufacturer recommends the installation of a layer of plywood or cement board between the QuietSound™ acoustical underlayment and the finished flooring, glue the recommended board using a suitable adhesive.
7. Heat welding of seams may cause the migration of some chemicals into the flooring. As a preventative measure, install a barrier between the QuietSound™ acoustical underlayment and the flooring. A layer of craft paper will work well for this application.
8. Install grouted flooring materials in a thin/thick mortar applied directly on to the QuietSound™ acoustical underlayment.
9. Trim any excess material flush with the floor.

Baseboard Installation

1. After perimeter installation strip has been trimmed to finished floor height, install the baseboard.
2. Fix the baseboard to the wall above the QuietSound™. The baseboard must not touch the finished floor (see [Diagram 4](#)).
3. Seal the entire perimeter with a permanently flexible acoustical caulk.

Floating Floor Covering Installation

1. Dry lay the rolls of material onto the subfloor following Step 3 under Material Storage and Handling and Steps 1-5 under Typical Installation.
2. Use duct tape or a high-quality carpet tape to secure the butt joints and seams.
3. A high quality 3" wide duct tape is recommended to prevent the QuietSound™ acoustical underlayment from moving on the substrate.
4. QuietSound™ acoustical underlayment and the finished flooring, glue the recommended board using a suitable adhesive.
5. Heat welding of seams may cause the migration of some chemicals into the flooring. As a preventative measure, install a barrier between the QuietSound™ acoustical underlayment and the flooring. A layer of craft paper will work well for this application.
6. Install grouted flooring materials in a thin/thick mortar applied directly on to the QuietSound™ acoustical underlayment.
7. Trim any excess material flush with the floor.

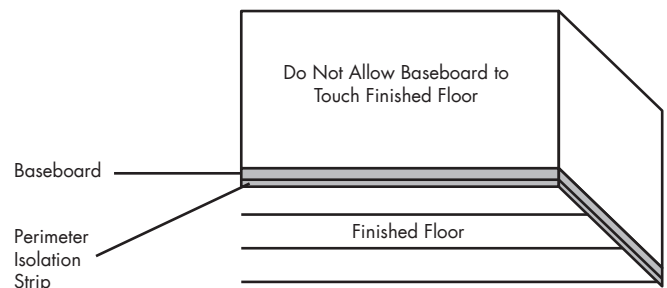


Diagram 4: Baseboard Installation