



INSTALLATION INSTRUCTIONS Silent-Tread™ Acoustical Underlayment

UPON DELIVERY OF PRODUCT

1. VERIFY packing slip matches with product and order.
2. INSPECT delivered product thoroughly. Report any discrepancies of original order, product defects, etc. No reimbursement/warranty claim will be given for labor performed on material installed with visual defects. Any defects – size, color, or otherwise – must be reported to the place of purchase prior to installation.
3. STORE product and adhesives in clean, dry, environment with temperatures between 70° and 95° F.
4. READ product and sub-surface floor preparation, instructions, warranty and other disclaimers carefully and completely before beginning any installations.

WARNING:

DO NOT use recycled rubber products in conjunction with any petroleum based products. This includes solvents, adhesives or sealants. All substrates (especially new concrete) must be fully cured for 45 to 60 days prior to installing rubber products.

INTRODUCTORY NOTE: This installation guide is intended to provide the necessary information for the proper installation of Silent-Tread™. These instructions are believed to be based on accepted industry standards and are provided for informational use only. Silent-Tread™ should be installed by qualified and experienced personnel.

RECOMMENDED TOOLS:

Measuring Tape or Ruler, Metal Straight Edge, Non-Retractable Utility Knife with Extra Blades, Duct-Tape.

ADHESIVE OPTIONS:

Polyurethane Adhesive, Mineral Spirits, Rag, Rubber Gloves, 50 pound (or larger) roller, Notched Trowel

Note: size and type will vary based on adhesive manufacturer's recommendations.

PRODUCT PREPARATION:

Acoustical underlayment products must reach room temperature to ensure a secure, tight installation with minimal size fluctuation. Inspect the product prior to installation for measurable defects or variations.

SUB-SURFACE PREPARATION:

For best installation, any sub-surface should be reasonably flat and free of holes or variances of more than 1/16".

1. Be certain the subfloor is clean, dry, smooth, level and structurally sound as per ASTM F710-05. Test floor for vapor drive in accordance with surface flooring manufacturer's recommended installation procedures, generally, vapor drive should not exceed the industry standard of <3.0 lbs. per 1,000 square feet in 24 hours. If moisture exceeds flooring manufacturer's specifications, follow their installation procedures for moisture control.
2. Mechanical surface profiling is the preferred floor preparation method. It is the only acceptable preparation method where warranties are issued. Acid etching is not recommended. Mechanically profile the floor to medium- grit sandpaper texture. Remove curing and parting compounds and other surface hardeners and floor coatings in accordance with the surface flooring manufacturer's instructions.

A. Concrete

New concrete must be allowed to cure thoroughly prior to installation (45 to 60 days). If sealants are used, DO NOT use one with a petroleum base. Old concrete must be repaired and have joint sealants and fillers installed as necessary. All cracks or flaws should be filled in or repaired prior to covering with rubber products. Use patching materials as appropriate. The concrete surface must be thoroughly cleaned of dirt, dust, grease, or other foreign matter and allowed to dry completely before beginning installation. Silent-Tread XL (with vapor barrier) or other waterproof membranes should be used when installing over new concrete or concrete at or below grade level and whenever the flooring manufacturer recommends a vapor barrier. Waterproof membranes, if any, should be facing up toward the flooring surface.

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B. Wood Base

Wood surfaces should be completely cleaned of dirt, dust, grease or other foreign matter and be completely dry prior to installation. Trapped moisture may rot the wood. Nails or other protrusions should be pounded down or removed, holes repaired, and surface variances repaired within the 1/16" acceptable variance level.

Adhesive Options

If circumstances dictate that an adhesive must be applied to the acoustical underlayment, the use of a single component moisture-cured polyurethane adhesive with similar adhesive properties may be used. However, it is the user's responsibility to check the adhesion of the cured adhesive on typical test areas at the project BEFORE installation begins.

- Do not use any adhesive that contains a petroleum product.
- In cool weather, store containers at temperatures of 70° to 95° F for at least 24 hours before using.
- Polyurethane adhesives are applied at temperatures above 40°F.
- Protect open containers from heat and direct sunshine.
- Wear gloves during application; if adhesive gets on skin, immediately wipe it off with a dry cloth.
- Do not apply on frozen surfaces or standing water.
- Avoid contact with water or alcohol before use and before complete cure.

Always follow adhesive manufacturer's installation instructions for proper preparation of the sub-floor, recommended coverage, size and type of notched trowel, open time, standard set times and cleanup.

Follow surface flooring manufacturer's recommendations for moisture control and instructions for applying adhesives to attach flooring to the underlayment.

Floating Floor

1. Check for subfloor moisture content. Always consult the flooring manufacturer's written installation instructions, particularly with regard to moisture protection practices. In most instances Silent-Tread XL (with vapor barrier) will meet the flooring manufacturer's requirements.
2. Be certain the subfloor is clean, dry, smooth, level and structurally sound. Ensure that any nail heads are flush, smooth out any other sharp subfloor protrusions and fill any holes, gaps or indentations.
3. Starting in a corner, unroll Silent-Tread over the subfloor. Silent-Tread should be laid out perpendicular to the finished surface flooring to reduce seams.
4. Fit the perimeter edge at least 1/4" from the wall by cutting to size. Roll out the next underlayment row in the same manner while butting each roll seam together tightly. Do not allow peaking or overlapping of seams.
5. Make certain there are no attachments or penetrations through Silent-Tread. If any, seal all tears or penetrations using duct tape or other utility grade, polycoated cloth backed tape with an aggressive adhesive.
6. With Silent-Tread XL (with vapor barrier), tape all underlayment seams, tears, or penetrations using duct tape or other utility grade, poly-coated cloth backed tape with an aggressive adhesive.
7. Install the surface flooring according to the flooring manufacturer's written installation instructions.

Mechanically Fastened Engineered and Solid Wood

1. Follow steps 1 through 5 required in Floating Floor above.
2. Use an overlayment above Silent-Tread made of two layers (staggered) of 3/8" exterior grade plywood (glued and screwed together for stability).
3. Install the surface flooring according to the flooring manufacturer's written installation instructions.

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Glue-Down Floor

1. Consult the flooring manufacturer's written installation instructions. Be certain the subfloor is clean, dry, smooth, level and structurally sound. Ensure that any nail heads are flush, smooth out any other sharp subfloor protrusions and fill any holes, gaps or indentations.
2. Starting in a corner, unroll Silent-Tread over the subfloor. Silent-Tread should be laid out perpendicular to the finished surface flooring to reduce seams.
3. Fit the perimeter edge at least 1/8" from the wall by cutting to size. Roll out the next underlayment row in the same manner while butting each roll seam together tightly. Do not allow peaking or overlapping of seams.
4. Remove fitted sections making sure to note their location in the installation.
5. Starting in the farthest corner of the room, apply adhesive using a notched trowel, according to the adhesive manufacturer's application instructions. Make sure there is full coverage of the adhesive over the subfloor. Spread the adhesive at right angles to the seams in order to prevent oozing. Do not use any adhesive that contains a petroleum product.
6. Follow immediately with Silent-Tread underlayment making sure the adhesive is still open, and apply even and full pressure to assure a full bond between the adhesive and Silent-Tread. Use a 50+ pound roller to ensure proper adhesive transfer rolling the width and then the length.
7. Make certain there are no attachments or penetrations through Silent-Tread. If any, seal all tears or penetrations using duct tape or other utility grade, polycoated cloth backed tape with an aggressive adhesive.
8. Allow to dry per adhesive manufacturer's instructions and install the surface flooring according to the flooring manufacturer's written installation instructions.

Ceramic Tile

1. Follow steps 1 through 8 required in Glue-Down Floor above.
2. Use an overlayment above RB Silent-Tread made of gypsum board, gypsum concrete or two layers of 3/8" exterior grade plywood (staggered and glued and screwed together for stability).
3. Install the surface flooring according to the flooring manufacturer's written installation instructions.

DISCLAIMER:

These instructions have been prepared to assist purchasers of Silent-Tread™ in the recommended installation procedure. The installation guidelines represent a typical installation work procedure and the information contained herein is believed to be reliable. Please contact a qualified and experienced flooring professional to assist with any particular installation procedure. Recycled rubber, as with any recycled product, can vary. Tolerances in thickness and width have been made as stringent as is possible, but some variance is to be expected. Rubber's nature is to expand and contract with changes in temperature and humidity.

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