



SILENT-TREAD™ ACOUSTICAL UNDERLAYMENT INSTALLATION GUIDE



Including:

- *General Recommendations*
- *Installation Tools Checklist*
- *Subfloor Requirements*
- *Product Warranty*

Rev 2/20 | Ult. #27



BEFORE YOU GET STARTED

GENERAL RECOMMENDATIONS

1. Read all product preparation instructions before you begin to install Ultimate RB SILENT-TREAD Acoustical Underlayment.
2. Prior to starting any installation, thoroughly review all material. Verify the following for all goods:
 - Material type, color, and style are correct
 - Material is the correct size and thickness
 - Amount of material supplied is correct
 - No visual defects are present on the material
3. Always store product and adhesives in a clean, dry, environment. Ultimate RB recommends storing materials between 70 – 95°F (21–35°).

IMPORTANT

ANY suspect or defective material must be brought to the attention of the supplier immediately. ABSOLUTELY NO CLAIMS WILL BE ACCEPTED AFTER THE MATERIAL HAS BEEN INSTALLED.

RECOMMENDED TOOLS:

- Measuring tape or ruler
- Metal straight edge
- Utility knife with extra blades
- Duct tape

ADHESIVE OPTIONS:

- Polyurethane adhesive
- Mineral spirits and rag
- Rubber gloves
- 50-lb. roller (or larger)
- Notched trowel

PREPARATION

SILENT-TREAD acoustical underlayment products must reach room temperature to ensure a secure, tight installation with minimal size fluctuation. For best installation, any sub-surface should be reasonably flat and free of holes or variances of more than $\frac{1}{16}$ ". 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.

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 curling, parting compounds, and other surface hardeners and floor coatings in accordance with the surface flooring manufacturer's instructions.

1. **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. Ultimate RB 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.

2. **WOOD BASE:** Wood surfaces should be completely cleaned of dirt, dust, grease, or other foreign matter and 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 $\frac{1}{16}$ " acceptable variance level.



ADHESIVE OPTIONS

If circumstances dictate that an adhesive must be applied to the SILENT-TREAD acoustical underlayment, the use of Ultimate Bond or other Ultimate RB approved adhesive may be used. 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 70–95°F (21–35°) for at least 24 hours before using.
- Polyurethane adhesives are applied at temperatures above 40°F (4°C).
- 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 the adhesive manufacturer's installation instructions for proper preparation of the subfloor, 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.

INSTALLATION INSTRUCTIONS

FLOATING FLOOR

1. Check for subfloor moisture content. Always consult the flooring manufacturer's written installation instructions, particularly with regard to moisture protection practices.
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 Ultimate RB SILENT-TREAD over the subfloor. Ultimate RB 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 Ultimate RB SILENT-TREAD. Seal all tears or penetrations using duct tape or other utility-grade, poly-coated, cloth-backed tape with an aggressive adhesive.
6. Install the surface flooring according to the flooring manufacturer's written installation instructions.

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 Ultimate RB SILENT-TREAD over the subfloor. Ultimate RB 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 installation.
5. Using an approved Ultimate RB adhesive, start in the farthest corner of the room and 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 Ultimate RB SILENT-TREAD underlayment, making sure the adhesive is still open, and apply even and full pressure to ensure a full bond between the adhesive and Ultimate RB SILENT-TREAD. Use a 50-lb. roller (or larger) to ensure proper adhesive transfer, rolling the width and then the length.
7. Make certain there are no attachments or penetrations through Ultimate RB SILENT-TREAD. Seal all tears or penetrations using duct tape or other utility-grade, poly-coated, 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.



DISCLAIMER & WARRANTY

DISCLAIMER

These instructions have been prepared to assist purchasers of Ultimate RB 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. However, every site is different. Ultimate RB does not claim to have covered all possible installation circumstances in these instructions. Please contact a qualified and experienced flooring professional to assist with any particular installation procedure.

WARRANTY

Ultimate RB shall warranty the flooring material it has supplied to be free from manufacturing defects in MATERIAL ONLY for a period of 10 years from date of substantial completion, and the flooring contractor shall warrant the installation to be free from defects for the same period. The foregoing warranty is in lieu of and excludes all other warranties not expressly set forth herein, whether express or implied, including, but not limited to, any implied warranties of merchantability or fitness.

Ultimate RB and its contractors shall not be liable for incidental or consequential losses, damages, or expense directly or indirectly arising from the sale, handling, or use of the goods, or from any other cause relating thereto, and their liability hereunder in any case is expressly limited to the replacement of goods of complying with this agreement, or, at their election, to the repayment of, or crediting Buyer with, an amount equal to the purchase of such goods, whether such claims are for breach of warranty negligence.

Warranty does not apply to excessive high wear areas. See full warranty statement on UltimateRB.com