

# Why is Underlayment So Important?

“Your floor is only as good as the surface it is installed over.” Recent innovations in laminate, hardwood, engineered wood and tile continue to exhibit the “hollow” or “pingy” sound with foot traffic, voices, radio, TV, etc. When RB Silent-Tread is the underlayment of choice, RB Silent-Tread absorbs the sound waves inside the room and blocks other sound transmission to the room below.

RB Silent-Tread incorporates Sani-Shield™, an EPA registered anti-microbial to inhibit the growth of mold, bacteria and algae. RB Silent-Tread XL (with vapor barrier) dissipates moisture, reducing potential harm to the flooring above and the subfloor below\*.

RB Silent-Tread is fabricated from thousands of small rubber granules and offers superior underfoot comfort for standing, walking or exercising. The weight and durability of the rubber in RB Silent-Tread allows RB Rubber to provide a limited warranty for the life of the floor. Other underlayments fail to provide the firmness necessary to resist compression from foot traffic and/or heavy furniture.

**RB RUBBER PRODUCTS, INC.** is an exciting, progressive and expanding company. Our success is the result of innovation, high quality products and excellent customer service. Constant attention to these core elements has allowed us to become one of the largest manufacturers of recycled rubber products.

Product lines include Acoustical Underlayment, Rolled Rubber Flooring, Commercial, Pet & Ag, and Park and Recreational Surfacing. Products are suitable for Fitness Centers, Schools, Hospitals, Hotels, Retirement Centers, Day Care Facilities, Libraries, Ski Lodges, Ice Rinks and other high traffic areas where durability, appeal, underfoot comfort and sound absorbing features are required. RB specializes in helping to solve those custom building requirements for rubber flooring or acoustical underlayment.

For other recycled rubber products, installation, and information:  
[www.rbsilenttread.com](http://www.rbsilenttread.com)

## TECHNICAL DATA

### RB Silent-Tread, 2 mm

Item	Test	Standard	Rating
8" concrete in Field	FIIC	ASTM E1007 and E989	63
6" concrete in Lab	IIC	ASTM E492 and E989	51
6" concrete in Lab	STC	ASTM E90 and E413	54
6" concrete in Lab	Delta IIC	ASTM E2179	21
Density		ASTM D3574 (pcf)	47
Compression Resistance	@25% (CFD)	ASTM D3574 (psi)	65.0
Compression Set	@25%	ASTM D3574 at 22 hrs. @ 78°F (%)	14
Flammability	Pill Test	CPSC Std. FF 1-70	Passed
R-Value	Resistance	ASTM C518	0.14
Tensile Strength		ASTM D412 (psi)	129 min.

Qualifies for Executive Order 13101 and LEEDS Green Building Council Certifications.



#### LIMITED LIFETIME WARRANTY

1. RB Rubber Products, Inc.'s Silent-Tread Acoustical Underlayment is guaranteed to be free of manufacturing defects in material and workmanship for 20 years from the original date of purchase, by the original purchaser ("Warranty Period"). This warranty is not transferable. If there are defects in material and workmanship during the Warranty Period, RB Rubber Products, Inc. will replace or repair the product, as described herein, at no cost to the owner/end-user.
2. RB Rubber Products, Inc. shall not be liable for any damage, loss or claim whatsoever unless the material is installed according to the written detailed installation instructions provided by RB Rubber Products, Inc. and used only as intended by RB Rubber Products, Inc.
3. THIS WARRANTY DOES NOT COVER DISSATISFACTION OR PROBLEMS OR OTHER DAMAGE TO THE MATERIALS AS DESCRIBED IN THE COMPLETE MANUFACTURER WARRANTY STATEMENT. FOR A COPY OF THE COMPLETE MANUFACTURER WARRANTY, OBTAIN THE COMPLETE INSTALLATION INSTRUCTIONS AT [WWW.RBSILENTTREAD.COM](http://WWW.RBSILENTTREAD.COM).
4. The warranty is limited to the repair or replacement of products, as more particularly described in the Complete Manufacturer Warranty, which are shown to be defective during the Warranty Period. The owner/end-user agrees not to advance any claim for any other measure of damage or loss. RB Rubber Products, Inc. shall not be liable for installation, disassembly, removal, disposal, return shipping, or other similar costs.
5. THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.
6. NO AGENT OR REPRESENTATIVE OF RB RUBBER PRODUCTS, INC. HAS ANY EXPRESS OR IMPLIED AUTHORITY TO MAKE ANY REPRESENTATION, PROMISE OR GUARANTEE NOT STATED HEREIN.
7. THIS LIMITED WARRANTY IS FURTHER SUBJECT TO THE CONDITIONS, LIMITATIONS, AND EXCLUSIONS PROVIDED ON THE COMPLETE MANUFACTURER WARRANTY STATEMENT. FOR A COPY OF THE COMPLETE MANUFACTURER WARRANTY, OBTAIN THE COMPLETE INSTALLATION INSTRUCTIONS AT [WWW.RBSILENTTREAD.COM](http://WWW.RBSILENTTREAD.COM).



Recycled Rubber Products Leader Since 1985

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Each year, RB Rubber converts millions of recycled tires into useful, long-lasting products.

# RB Silent-Tread™

## Acoustical Underlayment



*Quiet and Comfortable for the Life of your Floor*

- Easy and fast to install
- 20 Year Limited Lifetime Warranty
- Developed for superior sound insulation
- Outperformed the competition in head-to-head field testing for sound reduction

# RB Silent Tread

# What is RB Silent-Tread™ Acoustical Underlayment?

RB Silent-Tread is an acoustical underlayment designed to dramatically reduce room-to-room and in-room ambient noise. RB Silent-Tread exceeds national building code and property association sound reduction requirements. RB Silent-Tread is the superior choice for High-Rises, Office Buildings, Hotels, Multi-Family Homes or simply for the personal comfort of the homeowner.

Easy and fast to install, RB Silent-Tread lies flat to reduce minor sub-floor imperfections. Use RB Silent-Tread with most floor constructions; concrete or wood, and surfaces of laminate, hardwood, engineered wood and tile. RB Silent-Tread provides a 20-year Limited Lifetime Warranty – regardless of flooring brand or type of floor\* when installed correctly.

In head-to-head testing for sound reduction, RB Silent-Tread outperformed the competition in actual field installations. RB Silent-Tread's dense recycled rubber granules provide superior compression resistance so you can enjoy its benefits much longer than with most other underlayments.



*\* Always follow flooring manufacturer's written installation instructions. RB Silent-Tread XL (with vapor barrier) or other waterproof membrane should be used when installing over new concrete or concrete at or below grade level and wherever the flooring manufacturer recommends a vapor barrier. Waterproof membranes, if any, should be facing up toward the flooring surface. If moisture exceeds flooring manufacturer's specifications, follow their installation procedures for moisture control.*

## Installation Overview\*\*

### 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 RB 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 RB Silent-Tread over the subfloor. 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 RB Silent-Tread. If any, seal all tears or penetrations using duct tape or other utility grade, poly-coated cloth backed tape with an aggressive adhesive.
6. With RB 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.

### 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 RB Silent-Tread over the subfloor. 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 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 to spread the adhesive at right angles to the seams in order to prevent oozing. Approved adhesive for gluing RB Silent-Tread must be polyurethane based, do not use petroleum based adhesives.
6. Follow immediately with RB 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 RB 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 RB Silent-Tread. If any, 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.

\*\* Always follow RB Silent-Tread's written detailed installation instructions. A copy of these instructions may be obtained at [www.rbsilenttread.com](http://www.rbsilenttread.com).

