



# Tread-Lock™

## PREMIUM WOOD STAIR RETREAD ADHESIVE

### KEY FEATURES

- Extremely strong, durable bond
- Easy to clean off prefinished tread, even after cure
- Helps eliminate squeaking & reduces sound

### DESCRIPTION

Bostik Tread-Lock™ is a one-component, easy gunning, construction adhesive that is specifically formulated for the installation of stair retread and remodel riser installations. The Tread-Lock™ formula has good green grab (grab strength while wet) and cures quickly to form a tenacious bond. Once cured, Tread-Lock™ remains tough yet flexible for extreme durability, helps reduce stair squeaking, and reduces the sound of footsteps on the stairs. This specialty formulation is also easy to clean off of prefinished retreads and risers even after cure. Tread-Lock™ has 0% solvents and low odor.

### ELASTOMERIC PERFORMANCE

Tread-Lock™ has superior elasticity allowing the adhesive to move with the wood as it expands and contracts with changes in humidity and temperature over the life of the stair tread.

### APPLICATIONS

- Adhesion to sub floor assemblies of plywood, OSB, solid hardwood, engineered hardwood, or existing wood floor treads & risers.
- May eliminate squeaks and nail pops when used in conjunction with mechanical fasteners

### LEED® CONTRIBUTION

This low VOC formulation (as calculated per SCAQMD Rule 1168), may contribute toward LEED® credits under section NC-v2.2 EQ 4.1: Low-Emitting Materials—Adhesives & Sealants.

### DIRECTIONS FOR USE

Read and understand data sheet completely before beginning installation. Follow industry standards, as well as stair retread manufacturer's recommendations for acclimation, design, layout and application of wood flooring material. If jobsite conditions are outside of flooring manufacturer's recommendations, take necessary corrective actions. **WARNING: Tread-Lock™ is to be used in conjunction with mechanical fasteners to prevent movement of the stair retread while the adhesive cures. Failure to use appropriate mechanical fasteners may lead to slipping or falling down the staircase. See installation instructions for more detail.**



### SURFACE PREPARATION

Surface must be clean, dry and smooth; free of voids, projections, and loose materials. Finishes, oils, greases, sealers, waxes and all other surface contaminants must be sanded down to bare wood.

### INSTALLATION

Dry fit all parts prior to application of the adhesive to ensure a proper fit. Bostik Tread-Lock™ is ready to use. Cut the tip of the nozzle at a 45 degree angle to produce a bead of adhesive between 1/4" and 3/8" in diameter. Puncture the foil seal inside nozzle.

**To Install Risers:** Gun adhesive onto the back of the stair riser approximately 1" from the edge around the entire perimeter, then press firmly into place and secure with a few brad nails around perimeter.

**To Install Retreads:** Gun adhesive onto the back of the stair retread approximately 1" from the edge around the entire perimeter, then apply an "S" pattern repeating every 6-8" between the perimeter beads. Run one additional bead along the corner of the front molding. Press retread firmly into place and secure with brad nails along the back edge every 6-8" to ensure the tread does not slip or slide before the adhesive is fully cured. Weights applied to each side of the stair tread until cure are recommended to improve contact.

Reposition work, if necessary, prior to adhesive skinning; usually in 15 minutes. Lower relative humidity and temperature will extend curing time. Although relatively easy to remove Tread-Lock™ from the face of prefinished hardwood even after cure, it is recommended to clean with a non-abrasive towel as you work prior to cure.

### CLEAN UP

While Tread-Lock™ bonds tenaciously to wood, it is designed not to bond with most finishes on pre-finished flooring making it relatively easy to remove from the finish even after cure. Although it is relatively easy to remove after cure, it is recommended to clean with a non-abrasive towel as you work prior to cure. After cure, adhesive

may be removed with a plastic scraper and dry, non-abrasive towel, taking care not to damage the finish. Immediately clean all tools and equipment before material cures.

### STORAGE/SHELF LIFE

Store at temperatures between 50°F (10°C) and 100°F (38°C). Shelf life is one year from date of manufacturing in closed, original packaging.

### LIMITATIONS

- Until the adhesive is fully cured, do not expose to mechanical stresses.
- Not recommended for immersion in water or other liquids.
- Not recommended for direct contact with traffic.
- Do not install over vinyl/VCT.
- Temperature should be between 50°F (10°C) and 95°F (35°C) during installation.
- Before installing completely remove all adhesive residue and other surface contaminants from the existing tread by sanding.
- Please refer to the tread manufacturer's recommendations for proper acclimation.

### PACKAGING

Available in 10.1 oz cartridges, 12 per case.

### CAUTION

IRRITANT. MAY IRRITATE EYES, SKIN OR RESPIRATORY TRACT. CONTENTS MAY BE HARMFUL IF SWALLOWED OR INHALED. Methanol may form during curing. Do not breathe fumes. Do not get in eyes, on skin or on clothing. Do not swallow. Handle with care. Use only in a well ventilated area or wear a mask. Wear protective clothing including gloves. Wash thoroughly after handling. Store in a cool, dry area. Do not reuse container.

### KEEP OUT OF REACH OF CHILDREN

### FIRST AID TREATMENT

Contains Diisodecyl Phthalate (DIDP) and Titanium Dioxide inextricably bound in a polymer matrix. If in eyes or on skin, rinse well with water. If on clothes, remove clothes. If inhaled, move person into fresh air. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting.

### SEE SAFETY DATA SHEET

**CHEMICAL EMERGENCY:** 800-424-9300 (USA), 703-527-3887 (International)

**MEDICAL EMERGENCY:** 866-767-5089

### LIMITED WARRANTY

Limited Warranty found at [www.bostik.com/us](http://www.bostik.com/us). TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNLESS OTHERWISE STATED IN THE LIMITED WARRANTY, THE SOLE REMEDY FOR BREACH OF WARRANTY IS REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. BOSTIK DISCLAIMS ANY LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES TO THE MAXIMUM EXTENT ALLOWED BY LAW. DISCLAIMERS OF IMPLIED WARRANTIES MAY NOT BE APPLICABLE TO CERTAIN CLASSES OF BUYERS AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. It is the buyer's obligation to test the suitability of the product for an intended use prior to using it. The Limited Warranty extends only to the original purchaser and is not transferable or assignable. Any claim for a defective product must be filed within 30 days of discovery of a problem, and must be submitted with written proof of purchase.

## CHEMICAL & PHYSICAL PROPERTIES

<b>Chemical Properties</b>	Chemistry Type	1-Part Silyl Modified Polymer
	Adhesive Type	Moisture Cure
	Solvent percentage	0%
	VOC Compliant (calculated per SCAQMD Rule 1168)	Yes (<30 g/L)
<b>Use Environment</b>	Flash Point, closed cup	>200°F (93.3°C)
	New Construction	Yes
	Remodel	Yes
	Residential	Yes
	Offices/Light Commercial	Yes
	Heavy Commercial	Yes
	Offices	Yes
	Hospital	Yes
	Multifamily	Yes
	Highrise	Yes
	Exterior	No
<b>Substrates</b>	Wet Areas	No
	Plywood	Yes
	OSB	Yes
	Existing hardwood treads	Yes, sanded
	Terrazzo	No
	Ceramic Tile	No
	Concrete	No
	Gypsum Underlayments	No
<b>Stair Tread Types</b>	Cement Patch/Underlayment	No
	Well-Bonded Vinyl	Yes
	Solid Hardwood Retread or Riser	Yes
	Engineered Hardwood Retread or Riser	Yes
	Bamboo Retread or Riser	Yes
<b>Application Properties</b>	HDF Retread or Risery	Yes
	New Structural Stair Tread	No
	Ease of Gunning	Easy
	Odor	Mild
	Open/Working Time*	90 min
	Color	White
	Density (lbs/gallon)	14.7
	Percentage of Water**	0%
	Adhesive Coverage Required for Bond:	
	Retread	1/4" min bead around entire perimeter and "S" pattern repeating 8" max
Remodel Riser	1/4" min bead around entire perimeter	
<b>Cured Physical Properties</b>	Application Temperature	50°F to 95°F (10°C to 35°C)
	Cure Time*	
	Light Foot Traffic	6-8 hrs
	Regular Traffic	8-12 hrs
<b>LEED® Contribution</b>	Elongation	>180%
	Service Temperature	-40°F to 150°F (-40°C to 66°C)
<b>LEED® Contribution</b>	EQ 4.1: Low-Emitting Materials: VOC (as calculated per SCAQMD Rule 1168)	< 30 g/L

\* Humidity affects cure to a greater degree than temperature; the higher the humidity, the faster the cure.

\*\* Per ASTM E203-01 Standard Test Method for water using Volumetric Karl Fischer Titration Method. Results rounded to the nearest tenth. Test Method has error range of +/- 0.2%.

### BOSTIK HOTLINE

**Smart help**  
**1-800-726-7845**

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