



# HARDWOOD WALL PLANK & TREAD CAP ADHESIVE

# **KEY FEATURES**

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

# DESCRIPTION

Bostik Climb<sup>™</sup> is a one-component, easy gunning, non-sag adhesive that is specifically formulated for hardwood flooring, planks and blocks on interior walls and installation of stair tread caps. The Climb<sup>™</sup> formula has superior green grab (grab strength while wet) and cures quickly to form a tenacious bond. Once cured, Climb<sup>™</sup> 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 flooring, prefinished tread caps and risers even after cure. Climb<sup>™</sup> has 0% solvents and low odor.

#### **ELASTOMERIC PERFORMANCE**

Climb<sup>™</sup> 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 or hardwood flooring.

# **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
- Adhesion to drywall, plywood, concrete, or masonry in dry, below, on or above-grade applications

## **LEED® CONTRIBUTION**

This low VOC formulation (as calculated per SCAQMD Rule 1168), may contribute toward LEED<sup>®</sup> 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 tread cap 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: On stair tread cap applications, Climb<sup>™</sup> is to be used in conjunction with mechanical fasteners to prevent movement of the stair tread cap 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

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.



Hardwood Wall Planks: Gun adhesive onto

the back of the wall plank in an "S" pattern within 1" (2.5cm) of long edges and repeating every 6-8" (15-20cm). Press wall plank firmly into place. For tongue and groove boards, it is recommended to secure the starter row with brad nails every 6-8" (15-20cm) at a 45 degree angle into the base of the tongue so that the boards do not shift as additional boards are pressed together laterally to engage the tongue and groove.

**Stair Treads Caps:** Dry fit all parts prior to application of the adhesive to ensure a proper fit. Gun adhesive onto the back of the stair tread cap 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 tread cap 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  $\operatorname{Climb}^{TM}$  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.

**Stair Risers:** Dry fit all parts prior to application of the adhesive to ensure a proper fit. 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.

# **CLEAN UP**

While Climb<sup>™</sup> 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.

This supersedes and replaces in its entirety all previously published versions of this document. T2852 (Last revised on 04.05.17)

COVERAGE (19.8 linear ft at 5/16" bead size / 10.1 oz cartridge)			
	Board Width	Coverage / 10.1 oz cartridge (ft²)	
	2.25"	3.7 ft <sup>2</sup>	
WALLS	3.25"	5.1 ft <sup>2</sup>	
	4"	5.7 ft <sup>2</sup>	
	5"	6.3 ft <sup>2</sup>	
	6.875"	6.6 ft <sup>2</sup>	
	8.875"	6.6 ft <sup>2</sup>	
STAIR	Tread Cap Length*	Tread Caps / 10.1 oz cartridge	
	36"	1.58	
	42"	1.37	
TREADS	48"	1.20	
*11.5" width	Riser Length**	Risers / 10.1 oz cartridge	
**7.25"width	36"	3.05	
	42"	2.64	
	48"	2.33	

#### **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.
- Hardwood wall planks not to exceed 8.5 pounds per square foot (41.5 kg per square meter).
- Do not install over vinyl/VCT.
- For on or above-grade application only.
- For interior use only; below, on or above-grade application.
- Substrates limited to plywood, OSB, concrete and approved drywall. Do not use on Greenboard drywall.
- Temperature should be between 50°F (10°C) and 95°F (35°C) during installation.
- Before installing, completely remove all finishes, adhesive residue, and other surface contaminants from the existing tread by sanding.
- Please refer to the tread cap or flooring 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

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

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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