



P R O D U C T I N F O R M A T I O N

HPL™

HIGH PERFORMANCE LATEX Wood Flooring Adhesive

PRODUCT DESCRIPTION

Bostik® HPL™ Wood Flooring Adhesive is a high solids, extremely flexible, polymer-based adhesive formulated for the interior installation of engineered wood flooring and finger block parquet. This specially formulated adhesive has good early tack for immediate grab and quickly builds into a permanent, resilient bond. It is solvent free, very low VOC content, contains no hazardous chemicals, is nonflammable, meets all federal, state, and local governmental indoor air quality regulations. The use of HPL will contribute to LEED credit 4.1 for Low-Emitting Materials.

HPL may be used to adhere all dimensionally stable engineered, acrylic impregnated engineered and finger block parquet.

HPL may be used over properly prepared substrates common to hardwood flooring installations including: properly prepared concrete, properly prepared cement terrazzo, plywood, particle or chip board (underlayment grade), cement backer board, and cement patch/underlayments and properly prepared, primed gypsum underlayments with minimum design strength of 2000 psi.

DIRECTION FOR USE

Read and understand data sheet completely before beginning installation. Follow industry standards and wood flooring manufacturer's recommendations for design, layout, acclimation and expansion.

SURFACE PREP

Surfaces must be clean, dry and smooth; free of voids, projections, loose materials, oil, grease, sealers and all other surface contaminants. Maximum acceptable floor variation is 3/16" in 10 feet. Surface areas requiring patching or leveling must be done using a Portland cement based material (i.e. Bostik® UltraFinish, Fast Patch 102™ or SL-150™). Concrete slabs, and existing terrazzo should be abraded using a coarse open grit paper, scarifying or shot blasting equipment to create an anchor pattern and to remove sealers, waxes and adhesive residues.

CHEMICAL & PHYSICAL PROPERTIES

Elongation	> 200%
Open Time:	45 min
Working Time:	60min
Application Temperature	50°F to 100°F
Service Temperature	-10°F to 100°F
Viscosity	~175,000 cps
VOC Compliant	Yes (0.36 g/L)
Odor	Mild (not easily detected)
Color	Tan
Density	9.5 lb/gallon
Freeze Thaw Stable	ASTM D2243

Substrates, adhesive and wood flooring must be acclimated in an enclosed building with the HVAC operational and running for at least 72 hours before, during and after the installation. Follow the wood flooring manufacturer's guidelines regarding site conditions and installation.

For applications over non-porous substrates such as sheet vinyl or VCT tiles, Bostik recommends the use of an approved Bostik water free, moisture-cure urethane adhesive.

INSTALLATION

The installation begins with a starter row secured to the subfloor; the starter row provides a stationary point to push against so flooring doesn't move during installation. Once the starter row is secured, apply adhesive to substrate with the recommended trowel.

Flooring may be installed using either a "wet-lay" or "walk-on-work" method of installation. For "wet-lay" installations, spread the adhesive and begin to install the flooring immediately. For "walk-on-work" installations, spread the adhesive and allow the adhesive to develop "tack" for 15 - 20 minutes, then begin to install the flooring material. There must be a minimum of 85% adhesive transfer between the flooring and the substrate. Insufficient adhesive transfer will result in hollow spots.



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Wood Flooring
Latex Adhesives

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As you work, immediately clean any adhesive from prefinished flooring with a damp rag, Bostik's Ultimate Adhesive Remover™ or mineral spirits (be careful not to harm finish), and then dry buff with paper towel.

After a few rows have been installed, and as you move across the room, tape the boards together using removable 3M #2080 Blue tape to prevent boards from sliding and to secure close-fitting joints. Rolling is recommended for all installations. Flooring that is not flat should be tacked, weighted, or rolled to ensure proper contact between the flooring and substrate.

LIMITATIONS

- Slab temperature should be between 50°F and 100°F during installation. Do not use on wet, dusty, contaminated, or friable substrates; do not use over substrates/slabs treated with sealers or curing compounds; do not use in areas subject to hydrostatic head.
- Not for use where Moisture Vapor Emission Rate is greater than 3lbs as determined by Calcium Chloride testing (ASTM F1869). If there are any moisture related concerns refer to Bostik literature on MVP⁴ and Bostik Urethane Adhesives.
- Not for solid wood flooring or Bamboo flooring.
- Not for use over non porous subfloors such as sheet vinyl, ceramic tile, black cut-back adhesive residues and moisture vapor barriers.
- Not for exterior applications.
- Do not use additional adhesive to fill or repair low spots in the substrate. Additional adhesive may have adverse effects on flooring.
- HVAC must be operational and running at least 72 hours prior to installation.
- Follow wood flooring manufacture and NWFA specifications for acclimation, layout and expansion space.
- Engineered flooring less than 3/8" thick, and flooring with sliced veneers may be sensitive to moisture in the adhesive. Confirm compatibility prior to installation.



LIMITED WARRANTY

Bostik, Inc. warrants that the product conforms with Bostik's written specifications and is free from manufacturing defects. A PURCHASER'S SOLE REMEDY FOR NONCOMPLIANCE WITH THIS WARRANTY SHALL BE THE REPLACEMENT OF THE PRODUCT OR REFUND OF THE PURCHASE PRICE. Purchasers may address their warranty claims to Bostik, Inc., 211 Boston St., Middleton, MA 01949, Attn: Customer Service or call Bostik at 1-800-7BOSTIK. TO THE MAXIMUM EXTENT ALLOWED BY LAW, BOSTIK DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND LIABILITY FOR DIRECT, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

CLEAN UP

Clean wet adhesive with a rag dampened with water. For cured adhesive use mineral spirits or Bostik's Ultimate Adhesive remover. Immediately clean all tools and equipment with soap and water before material cures.

CURE TIME

Cure is affected by substrate porosity, temperature and humidity. Under normal conditions, light foot traffic is acceptable after 8 to 10 hours; normal traffic after 24 hours. Allow 72 hours before sanding or buffing the floor.

STORAGE/SHELF LIFE

Store at temperatures between 50°F and 100°F. **Do not freeze.** If product is frozen, allow it to warm back to room temperature for 8-10 hours prior to use. Shelf life is one year from date of manufacturing in closed, original packaging.

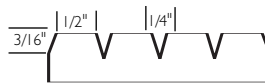
RE-SEAL PARTIALLY USED CONTAINER: Secure lid tightly to the pail and store indoors.

PACKAGING

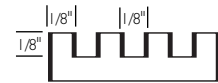
Bostik HPL Wood Flooring Adhesive is available in 4 gallon pails, 36/pallet, 1,500 lbs. For the name of a distributor nearest you, contact Customer Service at 800/7BOSTIK.

RECOMMENDED TROWELS FOR MAXIMUM PERFORMANCE

3/16" x 1/4" x 1/2" Flat V Notch
(Bostik #8) or equivalent trowel for installations of engineered wood flooring up to 9/16" thick.
Coverage: 60 ft²/gallon



1/8" x 1/8" x 1/8" Square Notch
For the installation of 5/16" Finger Block Parquet
Coverage: 80 ft²/gallon



Trowel size is recommended to apply the proper amount of adhesive and to maximize coverage. Periodically check coverage of adhesive during installation; 85% coverage is required. Uneven subflooring may require the use of either a leveling/patching material.



Middleton, MA 01949

1-800-7/BOSTIK

1-800-726-7845

www.bostik-us.com

PLANT LOCATIONS

Temecula, CA 92590

Conyers, GA 30207

