

DURABOND®

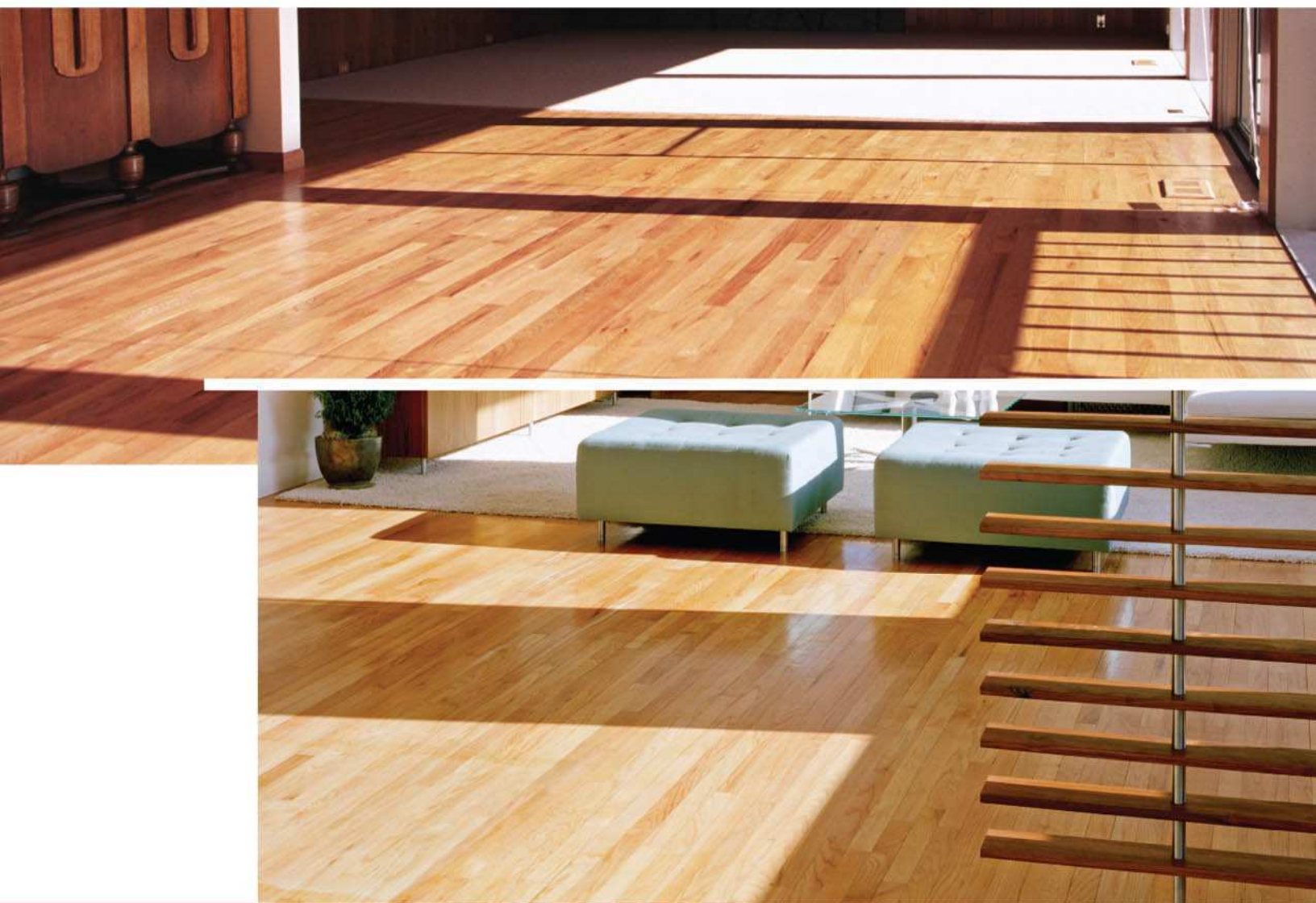
HARDWOOD FLOOR INSTALLATION PRODUCTS GUIDE

Moisture Vapor Retarders

Patches and Underlayments

Adhesives

Tools & Accessories



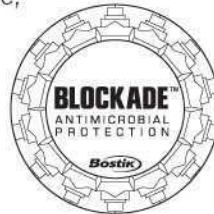


Performance.



It starts with the installation. In the hardwood flooring industry complete satisfaction is the sum of many parts, but integrity and quality will always shoulder a majority of the burden. By using Durabond's Hardwood Installation Products you're well on your way to ensuring your customers' satisfaction.

Each product displaying Bostik's Blockade antimicrobial protection logo contains an agent which inhibits the growth of bacteria, mold, or mildew on the surface of the dried adhesive/membrane; the dried adhesive/membrane resists stains caused by mold. To obtain specific test information by product, please contact Bostik's Technical Service Department at 1-800-523-6530.



Our Green Mission

As a global leader in adhesives, coatings and sealant technologies, Bostik continuously strives to commercialize products that minimize environmental impact and promote the health and well being of our customers. Bostik shall demonstrate these objectives by achieving compliance with the most rigorous standards set forth by industry recognized green building authorities. *All of the products featured in this catalog are LEED compliant. To learn more about our Green Mission visit us at www.greenmission.bostik-us.com.*



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Bostik is a worldwide company with over 4,000 employees and 48 production facilities across five continents. Bostik's parent company is Total, a 180 billion dollar multi-national company.



SURFACE PREPARATION

With Durabond's innovative Surface Preparation Products you will notice increased productivity, reduced project costs and fewer callbacks.



D-288™ MOISTURE VAPOR RETARDER

D-288 Moisture Vapor Retarder is a one part, trowel applied, elastomeric anti-fracture urethane membrane formulated to reduce moisture vapor transmission from the subfloor. It also creates a noise reduction barrier, establishes an anti fracture membrane capable of bridging cracks in the substrate up to 1/8" wide. D-288 may be used over all substrates common to hardwood flooring installations including; concrete, plywood, particle board, or chip board (underlayment grade), well bonded vinyl, ceramic tile, cement backer board, cement patches and underlayments, radiant heat flooring and terrazzo.

Packaging: 4 gallon pail



D-250™ MOISTURE VAPOR BARRIER COATING

D-250 Moisture Vapor Barrier Coating is a two component, water-based penetrating epoxy formulated to dramatically reduce moisture vapor transmission from substrates including; "freshly poured green concrete," properly prepared concrete, cement backer board, cement patch underlayments, radiant heat flooring, and cement based terrazzo. Reduces moisture vapor transmission from substrates with Moisture Vapor Emission Rates of ≤ 14 lbs. with one coat and > 14 lbs to ≤ 25 lbs. with two coats.

Packaging: 1 Gallon Kit

Kit contains: 104.fl oz Resin (Part A) and 24 fl. oz Hardener (Part B)

SURFACE PREPARATION

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DURALEVEL® 83P

DURALEVEL 83P is a high compressive strength, fast-setting self-leveling, cement-based underlayment used to repair, smooth and level concrete as well as existing ceramic, terrazzo, or approved plywood subfloors prior to the installation of carpet, vinyl, VCT, laminate, solid and engineered hardwood flooring, ceramic or natural stone. DURALEVEL 83P is suitable for thicknesses from featheredge to 1" thick, or up to 5" thick when mixed as designed with pea gravel. Use on, above or below grade. Use DURALEVEL 83P in smaller installations where it may be mixed by hand, or underlayment pump to quickly cover large jobs.

Packaging: Available in 50 lb. bags

Heal/Wet Edge Time	20 minutes
Initial Set	1 hour 30 minutes @ 70°F
Final Set	2 hours @ 70°F
Compressive Strengths:	
4 hours	1500 psi
24 hours	3500 psi
7 day	5000 psi
28 day	5500 psi



UNIVERSAL PRIMER

Universal Primer is designed for use with DURALEVEL 83P Self Leveling Underlayment. Use over concrete, approved plywood substrates, cement backer board, ceramic tile, marble, granite and terrazzo.

Packaging: 4 x 1 gallon jugs, 5 gallon pail



WEBCRETE® 95

WEBCRETE 95 is a fast-setting, latex-fortified Portland cement patch for interior use. WEBCRETE 95 may be used to skim coat or feather edge finishes up to 1/2" deep in one application. Floor covering can be installed in as little as an hour after application. WEBCRETE 95 is extremely flexible and resilient for use to patch and smooth floors prior to the installation of ceramic tile, carpet, resilient and wood flooring. When mixed with D-L16 instead of water, not only is the performance and flexibility improved, but WEBCRETE 95 can also be used as an embossing leveler.

Packaging: 25 lb. bags, 5 lb. Bags (Sold 6 per case), 40 lb. pail

Working Time	5-15 minutes
Pot Life	10-15 minutes
Final Set	25-35 minutes @ 70°F
Compressive Strengths:	
4 hours	1430 psi
24 hours	2700 psi
7 day	3590 psi
28 day	5670 psi

DURABOND®

WOOD FLOORING ADHESIVES

Durabond's Moisture Cure Urethane Adhesives are the right choice when installing your next hardwood floor project.



D-332™ PREMIUM WOOD FLOORING ADHESIVE

D-332 Premium Wood Flooring Urethane Adhesive is a one-part, trowel applied, tacking, moisture-cure urethane adhesive that does NOT contain any water. Once cured, D-332 is completely waterproof providing a tough, flexible, tenacious bond to a variety of surfaces. D-332's elastomeric characteristics allow it to move with the wood as it expands and contracts.

D-332 may be used to adhere all engineered, acrylic impregnated, solid plank flat milled, shorts, bamboo, cork, and parquet hardwood flooring designed and recommended in writing by the hardwood flooring manufacturer for glue-down applications. This adhesive can also be used to install plywood as described, as well as ceramic tile, marble and stone inlays for light commercial and residential applications.

D-332 may be used over all properly prepared substrate installations: concrete, plywood, particle or chip board, well bonded vinyl and ceramic tile, cement backer board, gypsum patch/underlayments (dry, above grade), cement patch/underlayments, radiant heat flooring and terrazzo.

Packaging: 4 gallon pail

PRODUCT	VOC/g/L	ELONGATION	COLOR	CURE TIME	FOR GLUING DOWN SOLIDS?	SHEAR STRENGTH	REQUIRED % OF ADHESIVE TRANSFER SOLIDS	ENGINEERED
D-332	86	>150%	Eggshell	8-10 hrs	Yes	≥180 psi	≥95	≥80
D-321	85	>180%	White	8-10 hrs	Yes	≥160 psi	≥95	≥80
D-317	88	>45%	Amber	8-10 hrs	No	≥165 psi	N/A	≥85



D-321™ MOISTURE CURE URETHANE WOOD FLOORING ADHESIVE

D-321™ Moisture Cure Urethane Wood Flooring Adhesive is a one-part, trowel applied, scientifically formulated adhesive that does NOT contain any water. Once cured, D-321 is waterproof and is not adversely affected by exposure to moisture, water or alkalinity. D-321's elastomeric characteristics allow the adhesive to move with the wood as it expands and contracts over the life of the floor.

D-321 may be used to adhere all engineered, acrylic impregnated solid plank flat milled, shorts, bamboo and parquet hardwood flooring designed and recommended in writing by the hardwood manufacturer for glue down applications.

This adhesive can also be used to install plywood, ceramic tile, marble and stone inlays for light commercial or residential applications. D-321 may be used over properly prepared substrates common to hardwood flooring installations including: concrete, plywood, particle or chip board (underlayment grade), well bonded vinyl and ceramic tile, cement backer board, gypsum patch/underlayment (dry-above grade), cement patch/underlayments, radiant heat flooring and terrazzo.

Packaging: 4 gallon pail

Easy to Trowel
Holds a Better Ridge
Easy to Clean-up



D-317™ ENGINEERED WOOD FLOORING ADHESIVE

D-317 Engineered Wood Flooring Adhesive is a single component, moisture cure urethane adhesive that may be used to adhere 3-ply or 5-ply engineered wood flooring.

Use D-317 over substrates common to hardwood flooring installations; concrete, plywood subfloors, particle or chip board (underlayment grade), well bonded vinyl, cement backer board, gypsum patch/underlayment (dry, above-grade), cement patch/underlayments, and radiant heat flooring.

This adhesive also can be used to install ceramic tile, marble, and stone inlays for light commercial and residential applications. Do NOT use D-317 to install solid wood flooring.

Packaging: 4 gallon pail



DURABOND®



DURABOND URETHANE ADHESIVE REMOVER

Use Durabond Urethane Adhesive Remover to remove wet and cured urethane adhesives from the surface of the prefinished (non wax) wood flooring.

Packaging: Ready to Use Towels, 60 pre-wet towels per container, 6 per case. Sold in full cases only.

TROWELS



..... B11124 1/4" wide x 1/8" deep x 1/4" centered Square-Notch Trowel
less than 1/2" Engineered Plank & 3/4" Parquet, 40 sq ft/gal coverage



..... B11125 1/4" wide x 1/4" deep x 1/4" centered Square-Notch Trowel
Flat Milled Solid & Shorts or Plywood, 35 sq ft/gal coverage



..... B11126 1/8" wide x 1/8" deep x 1/8" centered Square-Notch Trowel
Finger Block Parquet, 80 sq ft/gal coverage



..... B11127 3/16" wide x 5/32" deep V-Notch Trowel
3 ply and 5 ply Engineered Plank, 50 sq ft/gal coverage

Trowel size is suggested to maximize coverage of adhesive. Periodically check coverage of adhesive during installation; greater than or equal to 80% coverage is required for engineered hardwood flooring; greater than or equal to 95% coverage is required for solid hardwood flooring. Uneven subflooring may require the use of either a leveling/patching material, or a larger notched trowel for proper coverage of adhesive.

For Bond Repair or
Replacement,
Medallions and
Stairtreads

SPECIALTY PRODUCTS



CHEM-CALK® 900

A one-part, cartridge/gun applied, moisture cure urethane adhesive that does not contain water or chlorinated solvents, is V.O.C. compliant. Chem-Calk 900 can be used to install medallions, borders, stair treads and transition strips.

CHEMICAL AND PHYSICAL PROPERTIES:

Uncured

Tool/Work Life	70 minutes	Bostik Test Method
Initial Set	6 Hours	ASTM C679
Full Cure	3-6 Days	Varies w/relative humidity
Flow, Sag, Slump	0.1 inch	ASTM C639
After 14 days cure at 77°F and 50% RH		
Hardness (Shore A)	38	ASTM D2240
Tensile Strength	180psi	ASTM D412
Elongation	950%	ASTM D412
Adhesion in Peel	>35 piw	ASTM C794

PACKAGING

Chem-Calk 900 is available in 10.1 oz. Cartridges, 24 per case.

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DURABOND®

HARDWOOD REPAIR KITS

Functional and easy-to-use for both the professional and the “do-it-yourselfer.”



7575 EPOXY SYSTEMS

This general purpose two-component epoxy system is used for all applications that require fast cure time. The epoxy has extremely high bond strength and cures in 5 minutes.

Packaging: 2 oz cartridges, 50 per case. (Static Mixer: 10 per bag. Dispensing Gun: 1 per box



URETHANE ADHESIVE REPAIR KITS

This rapid setting, two-component polyurethane adhesive is used to replace floorboards, repair hollow spots, and to install thresholds and mouldings. The adhesive has extremely high bond strength and flexibility, making it the perfect choice when bonding wood to wood or wood to concrete.

Packaging: Each foil packet contains: 50ml of 100% urethane adhesive, one static mixer and a 1/16" needle. Hardwood Repair Kits are packaged 80 kits per case.



Adhesive Bond Warranty

Durabond Hardwood Products warrants that Durabond Hardwood Adhesives* will bond all engineered, solid, or acrylic impregnated hardwood flooring, designed and recommended in writing by the wood flooring manufacturer for glue-down, to all substrates common to hardwood flooring prorated for a period equal to the wood flooring manufacturer's product warranty.

Moisture Warranty

Durabond Hardwood Products warrants that Durabond Hardwood Adhesives*, when used in conjunction with a Durabond Hardwood Products Approved Surface Preparation Membrane**, will bond and will protect all engineered, solid, or acrylic impregnated hardwood flooring, designed and recommended in writing by the wood flooring manufacturer for glue-down, against moisture damage through the sub-floor prorated for a period equal to the wood flooring manufacturer's product warranty.

These warranties are contingent upon the following:

- The evaluation of a potential claim by a Bostik, Inc. representative in advance of any replacement work, submittal of wood flooring manufacturer's product warranty, and a copy of the original materials and installation invoice(s). Any repairs conducted prior to evaluation will void all warranties.
- The adhesive must be used in accordance with Durabond Hardwood Products most recent published literature.
- The wood flooring must be installed in accordance with the wood flooring manufacturer's most recent published literature pertaining to glue-down installations, including but not limited to, wood flooring acclimation, expansion space, jobsite temperature, relative humidity and air flow requirements.
- The installation must be maintained in accordance with the wood flooring manufacturer's recommendations including, but not limited to, temperature, relative humidity, and proper maintenance.
- This warranty does not cover damage due to flooding, hydrostatic head, puddling, improper maintenance, low/excessive relative humidity and/or temperature, or any issues not related to excessive moisture proven to be coming through the membrane.
- This warranty is to the original purchaser and is non-transferable. Durabond Hardwood Products will repair or replace the affected flooring one time only.

*The following Durabond Hardwood Product Adhesives are covered with this warranty:

D-332 Premium Wood Flooring Urethane Adhesive
D-321 Moisture Cure Urethane Wood Flooring Adhesive
D-317 Engineered Wood Flooring Adhesive

**The following Durabond Hardwood Products Approved Surface Preparation Membrane is covered with this warranty, when applied according to the most recent published literature:

D-288 Moisture Vapor Retarder Membrane

In the event of a valid claim under this warranty, Durabond Hardwood Products will pay to repair or replace on a prorated square foot basis the portion(s) of the installation that is proven to be defective. This payment is to include all reasonable materials and labor only. Durabond Hardwood Products is not responsible for workmanship not in accordance with Durabond Hardwood Products most recent published literature, defects in the wood flooring, abuse, misuse, or losses due to delays or any other consequential damages.

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**Proud member of
the green clique.**



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www.bostik-us.com

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Conyers, GA 30207
Temecula, CA 92590
Huntingdon Valley, PA 19006
Paulsboro, NJ 08066
Twinsburg, OH 44087

Customer Service:
Phone: 888/592-8558
Fax: 978/750-7212
Technical Service: 800/523-6530