

# MVP®

## Moisture Vapor Protection

### PRODUCT DESCRIPTION

MVP® Moisture Vapor Protection is a one-part, trowel applied, elastomeric anti-fracture urethane membrane formulated to reduce moisture vapor transmission from the subfloor, and bridge cracks up to 1/8", prior to the installation of engineered and solid hardwood flooring with Bostik's BEST®, BST®, EFA®, Ultra-Set® Hardwood or Fast Tack® adhesives. MVP may be used over all substrates common to hardwood flooring installations including: concrete, plywood, particle or chip board (underlayment grade), well bonded vinyl, ceramic tile, cement backer board, cement patch/underlayments, radiant heat flooring, and terrazzo.

### DIRECTIONS FOR USE

Read and understand data sheet completely before beginning installation. Follow industry standards and wood flooring manufacturer's recommendations for design, layout and application of wood flooring materials; including test methods, jobsite temperature and relative humidity. If jobsite conditions are outside of wood flooring manufacturer's recommendations, take necessary corrective actions.

Whether the moisture content of substrate exceeds or is within the wood flooring manufacturer's recommendations, to address current or possible future subfloor moisture concerns, apply a layer of MVP according to directions and allow material to cure for a minimum of 12 hours.

### SURFACE PREPARATION

Surfaces must be clean, dry and smooth; free of voids, projections, loose materials, oil, grease, sealers and all other surface contaminants. Completely remove cutback adhesive residue by sandblasting, shotblasting or scarifying. When sandblasting, shotblasting or scarifying, surface texture must be similar to light broom finished concrete. Maximum acceptable floor variation is 3/16" in 10 feet. Surface areas requiring patching or leveling must be done using Bostik Fast Patch 102™, SL-150™, SL-155 Fast Set; Durabond® Webcrete® 95, or DURALEVEL® 83P patches/underlayments prior to the application of MVP.

### INSTALLATION

Apply MVP using the notched side of a Bostik #9 V-Notch Trowel (3/16" wide x 5/32" deep) to achieve a flat, uniformly thick 30-mil membrane (thickness of a credit card). MVP is designed to level and heal with little need for flat-troweling to achieve a continuous membrane.

### COVERAGE

40-45 ft<sup>2</sup>/gallon using a Bostik #9 V-Notch Trowel (3/16" wide x 5/32" deep). Substrate must have full membrane coverage; membrane voids may be filled or patched during the wood flooring glue down installation with MVP or any of the above listed Bostik moisture cure urethane wood flooring adhesives.

### CURE TIME

Humidity affects cure to a greater degree than temperature; the higher the humidity, the faster the cure. Keep off membrane until material cures; usually 12 to 16 hours.

### CLEAN UP

Immediately clean all tools and equipment with Bostik's Ultimate Adhesive Remover™, or mineral spirits before material cures. CAUTION: Once cured this material may only be mechanically removed; which may damage some surfaces.

## LIMITATIONS

- Installation/jobsite must be within wood flooring manufacturer's recommended relative humidity and temperature range.
- Due to limitations in solid wood flooring (i.e. lack of dimensional stability), "below-grade" installations are limited to engineered hardwood flooring.
- Do not use over concrete slabs treated with sealers or curing compounds.
- Due to limitations with gypsum based materials in wet/moist environments, gypsum based patches/underlaments should not be used.
- Completely remove cutback adhesive residue (and other surface contaminants) by sandblasting, shotblasting, or scarifying.
- Do not use MVP as an adhesive.
- Do not use in areas subject to hydrostatic head.
- Do not use MVP below VCT/vinyl or other flooring materials.
- Do not use over VCT/vinyl when installing solid hardwood flooring.

## STORAGE/SHELF LIFE

Store at temperatures between 50°F and 100°F. Shelf life is one year from date of manufacturing in closed, original packaging. Storing at temperatures below 50°F may affect the self-leveling properties of the product.

**Re-Seal Partially Used Container:** With pail upright place a sheet of plastic (e.g. trash bag) over the top of the pail. Secure lid tightly over the plastic on top of pail. Carefully turn pail upside down. Plastic will help prevent the material from bonding the lid closed.

**Re-Open Partially Used Container:** Carefully turn pail right side up. Remove lid. Carefully cut and discard cured material and plastic from top of pail. Any uncured material may be used.

## PACKAGING

MVP is available in 5 gallon and 2 gallon pails. For the name of a distributor nearest you, contact a Customer Service Representative at 888-592-8558.

## LIMITED WARRANTY

All statements, technical information, and recommendations set forth herein, are based on tests which Bostik, Inc. believes to be reliable. However, Bostik, Inc. does not guarantee their accuracy or completeness. The buyer should conduct his/her own tests of this product before use to determine proper preparation technique and suitability for proposed application. Any sale of this product shall be on terms and conditions set forth on Bostik, Inc.'s order acknowledgement. Bostik, Inc. warrants that the product conforms with Bostik, Inc.'s written specifications, and is free from defects. BOSTIK, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE BUYER'S SOLE REMEDY FOR NONCOMPLIANCE WITH THIS WARRANTY SHALL BE FOR THE REPLACEMENT OF THE PRODUCT OR REFUND OF THE BUYER'S PURCHASE PRICE. IN NO CASE WILL BOSTIK, INC. BE LIABLE FOR DIRECT, CONSEQUENTIAL, ECONOMIC OR OTHER DAMAGES.

## SUGGESTED NOTCHED TROWEL FOR MAXIMUM PERFORMANCE

Trowel size is suggested for product to properly heal and to form a continuous 30-mil. membrane.



3/16" x 5/32" Bostik #9 V-Notch  
Coverage: 40-45 ft<sup>2</sup>/gallon



**Bostik**

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## TECHNICAL SERVICES

(800) 523-6530

## PLANT LOCATIONS

Temecula, CA 92590

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