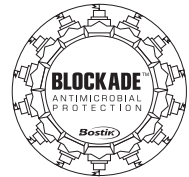


PRODUCT INFORMATION



MVP⁴®

Moisture Vapor Protection



PRODUCT DESCRIPTION

MVP⁴® Moisture Vapor Protection is a one-part, trowel applied, elastomeric, moisture cure urethane membrane designed to ¹reduce moisture vapor transmission from the subfloor; ²create a noise reduction barrier over the substrate; ³establish an anti-fracture membrane that can bridge cracks that can occur in the substrate prior to or after installation (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. MVP⁴ 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. ⁴MVP⁴ contains Bostik BLOCKADE™ antimicrobial protection which inhibits the growth of bacteria, mold or mildew on the surface of the dried membrane; the dried membrane resists stains caused by mold.

MVP⁴ independently tested in a controlled laboratory environment to measure the IIC (Impact Insulation Class) according to ASTM E492-04 and E989-89 and STC (Sound Transmission Class) according to ASTM E90-04 and E413-04 standards installed with 9/16" thick engineered wood flooring over a 6" concrete sub floor with a 5/8" suspended gypsum ceiling, achieved an IIC = 62 and a STC = 61, with no suspended ceiling, IIC = 49 and STC = 52.

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, cracks (up to 1/8"), or noise, apply a layer of MVP⁴ 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™, or SL-155™ Fast Set patches/underlayments prior to the application of MVP⁴.

INSTALLATION

Apply MVP⁴ using the notched side of a Bostik #9 V-Notch Trowel (3/16" x 5/32" deep) to achieve a flat, uniformly thick 30-mil membrane (thickness of a credit card). MVP⁴ is designed to level and heal with little need for flat-troweling to achieve a continuous membrane.

COVERAGE

40-45 ft²/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 MVP⁴ 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. To help protect the cured membrane from scuffing, tears, scratches, dust, dirt, or other jobsite contamination, install hardwood flooring as soon as possible. If the membrane is exposed for more than 14 days, do not install hardwood flooring until you contact Bostik's Flooring Technical Service Department.

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 inherent limitations with gypsum based materials in wet/moist environments, gypsum based patches/underlayments should not be used with MVP⁴ to treat moisture related issues. MVP⁴ may be used with gypsum based patches/underlayments in dry, above grade installations with minimum compressive strengths >2,000 psi for engineered hardwood installation, or minimum compressive strength >2,500 psi for solid hardwood installations, when MVP⁴ only used as a noise reduction barrier and anti-fracture membrane.
- Do not use over concrete slabs treated with sealers or curing compounds.
- Use of MVP⁴ over gypsum based patch/underlayments is limited to dry, "above-grade" installations where the gypsum has dried hard (not dusty/powdery), with a minimum compressive strength >2,000 psi for engineered hardwood installations, or minimum compressive strength >2,500 for solid hardwood installations when MVP⁴ is only used as a noise reduction barrier and anti-fracture membrane.
- Completely remove cutback adhesive residue (and other surface contaminants) by sandblasting, shotblasting, or scarifying.

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 1-800-726-7845. 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.

- Do not use MVP⁴ as an adhesive.
- Do not use in areas subject to hydrostatic head.
- Do not use MVP⁴ below VCT/vinyl or other flooring materials.
- Do not use over VCT/vinyl when installing solid hardwood flooring.
- Bostik EFA is not designed to be used with 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

MVP⁴ is available in 5 gallon and 2 gallon pails.



Middleton, MA 01949
(800) 7-BOSTIK/(800) 726-7845

PLANT LOCATIONS

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

Member



National
Wood Flooring
Association



ASSOCIATE MEMBER



Boston Street • Middleton, MA 01949 • Customer Service 888/592-8558 • Technical Service 800/523-6530