



Protect flooring installations from the ground up.

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MOISTUREBLOC® SURFACE BOND

FLOOR REPAIR AND RESTORATION BONDING AGENT

DESCRIPTION

MOISTUREBLOC SURFACE BOND improves the bond between a MoistureBloc treated surface and leveling and patching compounds such as **MoistureBloc SLU** and **MoistureBloc Patch**. The product comes ready to use and can be re-emulsified when cement topping application is delayed.

It provides both chemical adhesion and mechanical bonding between two surfaces and is hard, tough, flexible, and resistant to UV. It also resists damage from freeze-thaw cycles, cracking and shrinkage.

BENEFITS

- Low odor
- Resists most common industrial chemicals, heat and freeze-thaw cycles
- Easy to use
- Ideal when bonding is delayed
- Topping can re-emulsify so the two cement surfaces form a strong bond

MEETING YOUR INSTALLATION NEEDS

- MoistureBloc products are specially formulated to work together to meet the installation needs of almost any flooring project.

SUBSTRATE PRIMING ON MOISTUREBLOC PRIOR TO UNDERLAYMENT/PATCH

MoistureBloc Surface Bond may be applied up to 72 hours before underlayment application. One gallon of bonding agent mixed with one gallon of clean water will cover approximately 350-400 sq. ft. of floor area. For estimation, calculate one gallon of Surface Bond per 350-400 sq ft of MoistureBloc-coated floor, then dilute prior to use. Apply a thin primer coat and allow to completely dry (at least 3-4 hours @ 70% relative humidity) prior to application. Do not apply MoistureBloc SLU or MoistureBloc Patch until primer is dry.

APPLICATION TO CONCRETE

- Surfaces must be clean and structurally sound prior to application.
- Prior to application, a test area must be performed to determine proper application rate and required surface preparation.
- Surface preparation should include: removal of adhesive using **MoistureBloc Adhesive Remover**, stripping off any coatings or other residues with **MoistureBloc Stripper** and cleaning the surface with **MoistureBloc Floor Cleaner**.
- Pre-dampen surface then apply MoistureBloc Surface Bond without thinning at a rate of 200 sq.ft./gal.
- Apply by brush, roller or industrial spray in a continuous unbroken film.
- Allow to dry 4-8 hours; however, do not allow material to dry completely (greater than 72 hours), then apply topping material. If film has dried, reapply a thin coat of MoistureBloc Surface Bond and put on topping mix immediately as soon as dry to the touch.

SPECIFICATIONS/COMPLIANCE

- Federal specifications: MIL-B-19235 Bonding Compound Concrete
- GSA/FSS Specification for Bond Adhesive - A-A-3139 Adhesive, Resilient Flooring (Water-Based)
- ASTM C1059-91 Type I for bonding agents

SPECIAL NOTES

- Do not apply below 50°F (10°C)
- MoistureBloc Surface Bond mixes must have control joints to ACI standards at least every 200 sq.ft.(18.6 m²) to prevent cracking
- MoistureBloc Surface Bond is not designed for continuous water or chemical immersion.
- Moisture cure only. Do not use curing compounds or membranes
- MoistureBloc Surface Bond should be protected from rain for 72 hours after application
- Keep from freezing
- For use by experienced applicators only
- Proper application of Vexcon material is the responsibility of the installer or user. Telephone consultation and/or field visits by Vexcon personnel are for the sole purpose of making technical recommendations only, and not for providing quality control or supervision on location.

SHELF LIFE

If properly stored in its original sealed container, one year from date of manufacture. Rotate your stock.

PACKAGING

MoistureBloc Surface Bond is available in 55-gallon drums and 5-gallon pails. Contact Vexcon to discuss your customized packaging requirements.

VITAL STATISTICS

- Flash Point: NA
- Boiling Point: 215°F (101°C)
- Autoignition Temp: ND
- Extinguishing Media: Foams, Dry Chemical, CO₂, Water fog or spray

HEALTH AND SAFETY

- Use only with adequate ventilation.
- Use of gloves, goggles and other protective clothing is advised when using this product.
- If swallowed, do not induce vomiting.

Vexcon MSDS # CP154 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using this Vexcon product it is advisable to obtain a copy of the MSDS from your distributor or by contacting Vexcon Chemicals.

CONTACT US @

Additional product information, technical assistance and customer services are available by contacting Vexcon Chemicals directly or our distributors.

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WARRANTY

Vexcon warrants that the goods supplied hereunder shall be of its standard quality and shall conform in all material respects to the sample which has been made available for testing by buyer prior to sale. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon shall replace nonconforming goods or refund the purchase price. Since methods of use and application are beyond Vexcon's control, this Limited Warranty IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY IS ALSO IN LIEU OF ANY OTHER POSSIBLE LIABILITIES OF VEXCON, WHETHER ALLEGED TO ARISE BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, APPLICATION, USE OR FUNCTION OF VEXCON'S PRODUCTS, INCLUDING BUT NOT LIMITED TO CLAIMS OR NEGLIGENCE, GROSS NEGLIGENCE, STRICT LIABILITY OR ANY OTHER TORT. IN NO EVENT SHALL VEXCON BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE, REAL OR PERSONAL, ATTRIBUTED TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, REAPPLICATION, DOWN TIMES, CLEANUP, LOSS OF USE, LOSS OF OPPORTUNITY, LOSS OF MARKET VALUE, LOSS OF RENTAL VALUE OR FOR ANY LOSS OF PROFITS OR OTHER SPECIAL, INCIDENTAL, RESULTING, CONSEQUENTIAL OR EXEMPLARY DAMAGES. No person is authorized by Vexcon to assume for it any other liability of any kind in connection with the sale or use of products manufactured and sold by it, and there are no oral agreements or warranties collateral to or affecting any sale or use. All of the foregoing arises under the substantive law of Pennsylvania without regard to principles of conflicts of laws.