



Protect floor coverings 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 FP**. 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.
- For estimation, calculate one gallon of Surface Bond per 350-400 sq ft of MoistureBloc-coated floor, do not 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 FP** until primer is dry.

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

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.

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
- For use by experienced applicators only
- Shelf Life: If properly stored in its original sealed container, one (1) year from date of manufacturer. Rotate your stock.
- Storage/ Handling: Store in tightly sealed original factory container. Keep from freezing and exposure to moisture. Store at room temperature prior to use. Care should be taken to keep dirt, water and contaminants away from the opening of containers.
- Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- 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.

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 SDS 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 SDS from your distributor or visit vexcon.com.

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

LIMITED WARRANTY: Vexcon warrants for a period of one (1) year from the date of manufacture that the goods supplied hereunder shall be of its standard quality and free of defects, and conforms to (a) Vexcon's published specifications in force on the date of acceptance by Vexcon of the order and (b) the sample which has been made available for testing by buyer prior to sale. Any claim under this warranty must be made in writing to Vexcon Chemicals within sixty (60) days after such non-conformity is first discovered. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon at its option 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 OF NEGLIGENCE, GROSS NEGLIGENCE, MISUSE, STORAGE DAMAGE, MISAPPLICATION, ACCIDENT, STRICT LIABILITY OR ANY OTHER TORT. 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.

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