STARSEAL® BB SEALER
FOR BURNISHED CONCRETE BLOCK
NON-YELLOWING • GLOSS • ENHANCE & PROTECT

DESCRIPTION
STARSEAL BB SEALER is a high solid water-based acrylic sealing compound that protects and enhances burnished concrete block and architectural CMU. Apply prior to transport to protect from water penetration, scuff marks and scrapes. Once applied StarSeal BB Sealer will enhance the appearance of burnished block with a clear shiny gloss and will aid in cleaning excess mortar and construction staining.

BENEFITS
• Protects against water penetration
• Non-yellowing, surface remains clear
• Seals and hardens surface, reducing clean-up and maintenance
• Enhances appearance
• Prevents efflorescence
• Vexcon breathable technology-No water haze
• Apply to damp surfaces
• Excellent adhesion
• Low odor

SURFACE PREPARATION
• Protect all non masonry and concrete surfaces that may come onto contact with the product.
• Surface should be clean. If cleaning is required use appropriate Vexcon cleaner.
• Sealing and caulking compounds should be in place and cured before field application.

APPLICATION
Product is supplied at the proper consistency for application and dilution will reduce efficiency and gloss.
• Prior to application a test area must be performed to determine proper application rate, required surface preparation and desired appearance.
• Thoroughly mix before each use.
• Note: product forms a surface film quickly depending on temperature, humidity and wind conditions; therefore, for best results follow all equipment and application instructions carefully.
• A uniform appearance requires even coats leaving no gaps. Some areas may be more porous than others; these areas may require additional coats to even out the appearance.
• Do not over apply product. Brush out runs and drips immediately until they completely penetrate into the surface.
• The sealer can be applied to damp or new surfaces, as long as there are no slick water surface spots visible.
• Additional coats maybe required depending on porosity.

HORIZONTAL SURFACES
• Apply in a single application with sufficient material applied so the surface remains wet for a few minutes before penetration into the surface.

VERTICAL SURFACES
• Begin application from the highest point; top to bottom.
• Roll or spray sufficient product to absorb and cover the surface.
• Succeeding passes must lap the previous run-down. Do not over apply.
• When spray applied, particular care must be taken with spray overlap area. Proper technique for spraying calls for a pattern which prevents excessive run down of material and constant spray pressure.

By sprayer:
• Apply by low-pressure high solids commercial grade solvent resistant sprayer with neoprene fittings. (Do not use garden or form oil sprayers). Keep pressure up on pump-up sprayer.
• For production plants and large jobs we recommend MBW-BMS 75. See Technical Note, TN170.
• The sprayer must be clean and dry. If cleaning with solvents is required, use Certi-Vex® Equipment Cleaner then flush with water. Clean sprayer as directed between applications to ensure best results.

By roller:
• Use a ¼” nap mohair, solvent resistant roller
• Do not over-work material; apply in a single lapping motion.
• Do not roll area back and forth; this can cause the film to break and product to become stringy.
• Do not run rollers dry keep a wet edge.

COVERAGE RATES
Porosity and texture of the surface will affect the amount of material necessary for effective treatment. The following is a guide for estimating total material requirements. Always test on the actual surface to get precise consumption rates.
• Porous  150 - 200 sq.ft./gl
• Semi-porous  200 - 300 sq.ft./gl
• Non-porous  300 - 400 sq.ft./gl
SPECIAL NOTES
• To assist in application, note: 200 sq. ft./gal wet film is approximately equal to the thickness of a sheet of paper.
• Will cause bleeding of bituminous surfaces.
• Do not allow sealed area to become wet with water until dry. See dry times.
• Over application may lead to surface discoloration and improper sealer performance.
• Will not prevent water penetration through structural cracks.
• Mix well before each use.
• Can be applied when surface temperatures are 40°F - 85°F (4°C - 30°C); when below or above these ranges, review Vexcon's Cold and Hot Weather Application Guides.
• Shelf Life: If properly stored in its original sealed container, two years from date of manufacture. Rotate your stock.
• For use by experienced applicators.
• 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.
• Warranty: All products are sold subject to Vexcon's published materials Limited Warranty and Terms and Conditions of Sale and can be changed without notice. You may view our Warranty’s and Terms and Conditions of Sale at vexcon.com.

SPECIFICATIONS / COMPLIANCE
• VOC - <250 grams/liter or <2.09#/gal.
• Meets:
  - USEPA AIM-Concrete Curing and Sealing Compounds
  - OTC-Waterproofing Concrete/Masonry Sealers
  - LADCO/MRPO- Waterproofing Concrete/Masonry Sealers
  - CEPA/EC – Waterproofing Concrete/Masonry Sealers
  - CARB – Waterproofing Membrane
• LEED NC category/points: For detailed information visit www.vexcon.com/green.
• ASTM C1315 Type 1 Class A
• ASTM C309 Type 1, Class A&B
• ASTM G154 – passes 1500 hour UV resistance
• Test Reports are available upon request.

PACKAGING
StarSeal BB Sealer is available in 55-gallon drums and 5-gallon pails. Contact Vexcon directly to discuss your customized packaging requirements.

PHYSICAL PROPERTIES
Wet appearance Milky White
Dry appearance Clear
Dry - tack free 25 minutes
Dry - through 6 hours
Solids 30% minimum
Note: All calculations based upon 68-77°F (20-25°C).
Lower temperatures and higher relative humidity will extend dry times.

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.
• Use of respirators is advised when using in confined areas.
SDS VW105 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, obtain a copy of the MSDS 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.
• vexcon.com
• techservice@vexcon.com
• customerservice@vexcon.com
• sales@vexcon.com
• Voice: 888.839.2661
• Fax: 215.332.9997

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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