POWERSEAL® WEATHERPROOF
WATER REPELLENTS FOR BRICK, BLOCK AND CONCRETE

DESCRIPTION
POWERSEAL WEATHERPROOF are economical breathable commercial and residential grade water base silane water repellent treatments for use on brick, block, concrete, cement, plaster and stucco. Assists in preventing efflorescence, damage from freeze/thaw and protects surfaces from destructive water penetration. Available in two grades to meet your project specific requirements. Economical Powerseal Weatherproof 100 and value priced Powerseal Weatherproof 500. Recommended for sidewalks, driveways, walkways, decorative concrete and as a general purpose water repellent treatment.

BENEFITS
- Good protection against salt corrosion, deicing chemicals, mildew, water, surface spalling from freeze/thaw cycles.
- Life expectancy of masonry greatly extended
- Single application
- Keeps surface cleaner
- Reduces on-going maintenance and repair costs
- Water base - safer to use - low odor
- Does not alter natural surface texture and appearance
- Economical silane penetrating sealer
- Vertical and Horizontal surfaces
- Eco-friendly
- Above and below grade

PRE-INSTALLATION NOTES
- A test application is necessary on each surface to be treated to ensure compatibility and desired water repellency. Test areas are also useful in determining final application rate and procedures.
- The material in the test area does not fully penetrate due to coatings or inadequately cleaned surface, use one of Vexcon’s cleaners to properly clean the surface prior to application.
- If a tacky residue remains after 24 hrs, the application rate must be modified. Material which remains tacky on the surface can usually be removed by power washing with water or with a vinegar solution.
- Tests should be applied using the same equipment and techniques planned for job application.
- Inadvertent overspray should be immediately rinsed with water. If allowed to dry, clean with Certi-Vex® Equipment Cleaner. Protect non-porous surfaces.

SURFACE PREPARATION
- All caulking, patching, and joint sealants should be installed and fully cured prior to application. Concrete should be properly cured; see Curing Recommendations section.
- All surfaces to be sealed must be properly cleaned. Power wash surface clean of dust and construction dirt. Use Vexcon’s Concrete and Masonry cleaners to clean surface materials, previous coatings, atmospheric stains and other harder to clean contaminants.
- New concrete normally does not require etching. However, slick trowel finished concrete that has become heavily contaminated with surface dirt, tire marks, oil, etc., during construction may require thorough cleaning and a mild etch using StarSeal® EF Safe Etch.
- To determine that the concrete is penetrable, perform a water absorbency test by applying water to a representative portion of the prepared surface. A properly prepared surface when dry will immediately absorb clean water without any surface beading effects.
- If required use StarSeal EF Safe Etch to improve sealer penetration.
- Surfaces to be treated may be damp but should be absorbent to assure good penetration.
- Application to still damp surfaces is acceptable; however, free standing water must be removed.

CURING RECOMMENDATIONS
Fresh concrete can be cured with Certi-Vex Envio Cure, a clear ASTM C-309 cure. Allow to dissipate or remove with StarSeal EF Degreaser & Cleaner.

COVERAGE
- One gallon of Powerseal Weatherproof will cover about 100-150 sq.ft (9-11 m²).
- Use one coat on most surfaces.
- Dense masonry may not accept the solution at this rate. Such surfaces should be given two coats and the coverage extended to 175-200 sq.ft./gal (4-5 m²/L) per coat. Allow 2-4 hours, under good drying conditions between coats.

VERTICAL SURFACES
- If brush application is used, put on wet coating. Do not brush out allow to penetrate and dry.
- If applied by spray gun use the minimum line pressure required.
- Expel the material from the gun in a gentle stream with as little atomization as possible. A rundown of material on the masonry surface of 6 to 12 in. (150 to 300 mm) should be allowed.
- Drop cloths should be used to protect bushes, grass or other vegetation from overspray.
- Clean up overspray immediately.

HORIZONTAL SURFACES:
- Powerseal Weatherproof should be applied in a single saturating application with sufficient material applied so the surface remains wet for a few minutes before penetration into the surface.
- Surface residues, pools and puddles should be broomed or brushed out until they completely penetrate into the surface.
SPECIAL NOTES
- Allow 5-7 days for the product to fully react before evaluation.
- Full water repellency may take up to 7 days to develop.
- Do not apply water repellent treatment when surface temperatures are below or expected to fall below 40°F (4.4°C).
- Do not apply water repellent treatment when surface temperatures are above 85°F (29°C).
- Do not apply water repellent treatment on windy days.
- Mix well before each use and during application.
- Application should not be attempted if it has rained in the past 3 or 4 days or if rain is anticipated within 24 hours after application.
- Do not apply to frozen surfaces.
- Equipment Clean up: Use water when wet and Certi-Vex Equipment Cleaner when dry. Flush with water before use.
- Shelf Life: If properly stored in its original sealed container, six months. Rotate your stock.
- For use by experienced contractors.
- 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.

SPECIFICATIONS/COMPLIANCE
- VOC <100 grams/liter or <0.83#/gal
- Meets:
  - US EPA AIM - Waterproofing Sealers and Treatments
  - OTC - Waterproofing Concrete/Masonry Sealers
  - LADCO/MRPO - Waterproofing Concrete/Masonry Sealers
  - CEPA/EC - Waterproofing Concrete/Masonry Sealers
  - CARB - Waterproofing Concrete/Masonry Sealers
  - SCAQMD - Rule 1113-Waterproofing Concrete/Masonry Sealers
- LEED NC category/points: For detailed information visit vexcon.com/green
- CSI Reference: 07 19 16

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

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.
- For use by experienced applicators only. Vexcon SDS PS105 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 vexcon.com.

PHYSICAL PROPERTIES

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<th>Physical Property</th>
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<tbody>
<tr>
<td>Color</td>
<td>White Emulsion</td>
<td>White Emulsion</td>
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<tr>
<td>Dry Time</td>
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<td>1 1/2 hours</td>
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<tr>
<td>Solids</td>
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<tr>
<td>Flash Point</td>
<td>157°F (66°C)</td>
<td>157°F (66°C)</td>
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CONTACT US@
Additional product information, technical assistance and customer service are available by contacting Vexcon Chemicals directly or our distributors.

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- 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 shall be of sound 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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