PROCOAT PRIMER
CURE & PRIME • MOISTURE TOLERANT

DESCRIPTION
PROCOAT PRIMER is a water base single component primer used when a moisture tolerant ProCoat HBE system is desired. This unique and innovative primer also allows for fast track new project completion when applied to fresh concrete by forming a membrane properly curing the concrete to ASTM standards.

BENEFITS
• Apply to new concrete for fast track project completion
• Provides for complete development of concrete’s wear resistance and strength properties
• Does not blush or whiten when applied to damp surfaces
• Prevents efflorescence, dusting, and spalling
• Aids in keeping floors cleaner during construction
• Available in clear and 19 standard and custom colors
• Low odor

APPLICATION
• Thoroughly mix with jiffy mixer before using or placing in the spray equipment’s reservoir.
• The product is supplied ready to use. Do not dilute with water or solvents.
• Apply by low-pressure sprayer with solvent resistant fittings. If not available, use a roller. If applying by roller for best results use Vexcon’s EvenFlow Applicator or ¼"nap mohair-type, lint free, solvent resistant roller.
• Pre-wet roller or applicator with water initially. Roll off excess and use to pre-wet roller or applicator to apply the material. Wash roller or applicator in water periodically if roller starts to drag or cobweb, change roller or applicator.
• Use a roller pan to take off excess product. Do not dip and Roll, or pour and spread.
• IMPORTANT: ProCoat Primer when dry should have a uniform glossy appearance. If there is an appearance of gloss variation, a second thin coat is recommended. Two coats at the recommended coverage rate are preferable to one thick coat. See Second Coat section.

SURFACE PREPARATION EXISTING CONCRETE
The concrete surface must be properly repaired, structurally sound and cleaned. Use Vexcon’s surface prep and cleaning products to properly clean the surface prior to application.
• To remove coatings such as epoxies, sealers, and curing compounds use StarSeal® EF Concrete Stripper.
• The concrete shall be cleaned with StarSeal EF Degreaser & Cleaner to remove any dust, dirt or debris and allowed to dry for a minimum of 24 hours after cleaning.
• To remove efflorescence or to etch the surface for improved material penetration use Certi-Vex® Etch & Efflorescence Remover.
• There should be no freestanding water on the surface when applied.
• Large cracks should be repaired using Powercoat® Epoxy Joint Sealant.

SEALING EXISTING CONCRETE
• Prior to application a test area must be performed to determine proper application rate and required surface preparation.
• To determine that the concrete is penetrable, perform a water absorbency test by applying water to a representative portion of the prepared concrete floor. A properly prepared surface when dry will immediately absorb clean water without any surface beading effects. If required use Certi-Vex Etch & Efflorescence Remover to improve sealer penetration.
• Apply one coat of ProCoat Primer at 200-300 sq.ft./gal (5.0-7.5 m²/L) and allow to dry for a minimum of 4 hours and no more than 48 hours before applying ProCoat HBE.

CURING AND SEALING NEW CONCRETE
• Apply ProCoat Primer as soon as possible after the concrete has received final finishing, just as the water sheen disappears.
• If application is delayed, the concrete must be kept wet (preferably by water spray-mist) until the curing coat can be applied.
• Coat uniformly leaving no gaps, slips or excess, at a rate of 200-300 sq.ft./gal. (5.0-7.5 m²/L).
• Let the concrete cure a minimum of 72 hours before application of ProCoat HBE.

SECOND COAT
A second coat may be required if the first coating is worn, damaged or gloss variation. Surfaces that have been sealed with ProCoat Primer should be cleaned of construction dust, mortar, etc. by sweeping, washing and drying thoroughly. Apply a thin coat of ProCoat Primer to the clean dry surface at 300-400 sq.ft./gal (5.0-7.5 m²/L).
Let ProCoat Primer dry a minimum of 4 hours and no more that 48 hours before applying any ProCoat HBE.

SPECIFICATIONS/COMPLIANCE
VOC - <300 grams/liter or 2.50 #/gal. (Clear / Pigm.)
• Meets:
  - US EPA AIM-Concrete Curing & Sealing Compounds
  - OTC, LADCO/MRPO, CEPA/EC - Waterproofing Concrete/Masonry Sealers
• LEED NC category/points: For detailed information visit vexcon.com/green
  - EQ 4.2 – 1 point
  - MR 2.1/2.2 – 1 point
  - MR 5.1/5.2 – 1 point
• ASTM C309, Type 1 Class A&B
• ASTM C1315 Type I (clear) or Type II (pigmented) Class B
• USDA requirements for paints and coatings for use in federally inspected meat and poultry plants
• Meets the requirements of the Tile Adhesion Test of the Resilient Tile Institute
• CSI reference: 09 96 56
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 and quality control or supervision on location. Technical recommendations only, and not for providing 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.

PACKAGING
ProCoat Primer is available in 55 gallon drums and 5 gallon pails.

PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Clear</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry to touch</td>
<td>90 minutes</td>
<td>90 minutes</td>
</tr>
<tr>
<td>Dry tack free</td>
<td>60 minutes</td>
<td>60 minutes</td>
</tr>
<tr>
<td>Moisture Retention</td>
<td>Passes</td>
<td>Passes</td>
</tr>
<tr>
<td>Solids</td>
<td>25%</td>
<td>42%</td>
</tr>
</tbody>
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Note: Dry time and curing time depends on air temperature and film thickness. All calculations based upon 68-77°F (20-25°C) at 50% RH. Lower temperatures and relative humidity will extend dry time.

HEALTH AND SAFETY

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

Vexcon SDSCP200 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using product 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.

- vexcon.com
- techservice@vexcon.com
- customerservice@vexcon.com
- sales@vexcon.com
- Voice: 888.839.2661
- Fax: 215.332.9997

SPECIAL NOTES
- May show rubber burns
- This product will cause bleeding on bituminous surfaces
- May enhance motting of colored surface
- Not gasoline resistant
- Equipment clean up: Use Certi-Vex Equipment Cleaner, flush with water.
- Do not use with topcoats that contain large amounts of ketones, which may lift the ProCoat Primer.
- For ProCoat Primer Color, same lot numbers should be used throughout the project. If lot numbers differ, box-mix prior to use.
- ProCoat Primer Color must be thoroughly mixed prior to each use.
- Can be applied when air and surface temperatures are 40°F (4°C) - 85°F (29°C). If air and surface temperatures are below 40°F (4°C) or above 85°F (29°C), please consult Vexcon’s Cold Weather Application Guide (TN195) or Hot Weather Application Guide (TN194).
- For use by experienced applicators
- Shelf Life: If properly stored in its original sealed container, one year from date of manufacture. 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.
- 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.

WARRANTY

LIMITATION OF LIABILITY: IN ALL EVENTS VEXCON'S LIABILITY SHALL BE LIMITED TO THE PURCHASE PRICE OF PURCHASED PRODUCTS. IN NO EVENT SHALL VEXCON BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE, REAL OR PERSONAL, ATTRIBUTES TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, MISAPPLICATION, 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.