

## CR™ SEALANT

Chemical Resistant Waterproofing Adhesive

### MANUFACTURER

Polyguard Products, Inc.  
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[www.polyguard.com](http://www.polyguard.com)

### PRODUCT DESCRIPTION

#### Basic Uses

CR™ Sealant (Chemical Resistant Sealant) is a 100% solids, two-component, moisture tolerant, penetrating epoxy primer which is specifically formulated to provide excellent adhesion with the Polyguard Chemical Resistant Waterproofing Membranes. CR™ Sealant is an integral part of the Polyguard Chemical Resistant Waterproofing System and will be an amber color in appearance.

### PRODUCT PROPERTIES

- Designed to be used on applications in ambient temperatures of 40° F (5° C).

### INSTALLATION

#### Application

New concrete should be cured a minimum of 7 days. Concrete that has been contaminated with chemicals or other foreign matter must be neutralized or removed. Remove any laitance or weak surface layers.

CR™ Sealant Component “A” resin should be premixed prior to using due to possible additive separation. Pour the entire CR™ Sealant Component B Hardener into the Component “A” Resin pail and mix for a minimum of two minutes, using a mechanical jiffy-type mixer operated at low speed. Scrape the side of the pail to ensure the entire product has been properly mixed; any unmixed material left on the side of the pail will not cure.

CR™ Sealant may be applied with roller or squeegee. A roller with a heavy nap should be used, such to carry sufficient material to the area being primed.

Move quickly and empty contents of pail onto surface as soon as possible to provide maximum working time. Material left in the pail will generate heat and have a reduced pot life.

NOTE: Do not turn the pail upside down and allow to drain onto substrate.

Apply all CR™ Sealant to sound concrete substrates that are free of all coatings, sealers, curing compounds,

oils, greases or any other contaminants at a coverage of approximately 175 to 200 square feet per gallon. Other substrates may vary in coverage, please test according. The liquid adhesive should be spread sufficiently to avoid areas of access material. Areas of excess material will lengthen the curing time on the application of the CR™ Sealant.

For best results CR™ Sealant should be applied and allowed to cure, timing may vary due to atmospheric conditions. At this point CR Liquid Membrane should be applied.

Polyguard recommends to clean tools and equipment with mineral spirits. Always wear gloves when using this product.

### STORAGE

For best results, store adhesive in a dry, well-ventilated area at temperatures of 65° F (18° C) to 80° F (27° C).

### SAFETY

SDS documents for all Polyguard products can be obtained at our website [www.polyguard.com](http://www.polyguard.com). Call Polyguard Products, Inc. at (214) 515-5000 with questions.

### WARRANTY

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product are beyond our control; such as weather, workmanship, equipment utilized and prior condition of the substrate. We will replace at no charge product proved to be defective within twelve (12) months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided.

### TECHNICAL SERVICES

Technical assistance, information and Polyguard's products are available through a nationwide network of distributors and architectural representatives, or contact Polyguard Products, Inc.  
P.O. Box 755, Ennis, TX 75120-0755  
Sales: (615) 217-6061•Tech Support: (214) 515-5000  
Email: [archtech@polyguard.com](mailto:archtech@polyguard.com)  
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| <b>PROPERTY</b>                      | <b>TEST METHOD</b> | <b>TYPICAL VALUE</b> |
|--------------------------------------|--------------------|----------------------|
| COLOR                                |                    | Amber                |
| BOND STRENGTH                        | ASTM D 4541        | > 350 PSI            |
| VOLATILE ORGANIC COMPOUNDS (VOC)     |                    | 0.0 g/l VOC          |
| POT LIFE @ 77°F (25°C): 60 minutes   |                    |                      |
| SET TIME @ 77°F (25°C): 4 to 6 hours |                    |                      |

Material cures more slowly at cooler temperatures and working time will be substantially reduced at higher temperatures. In hot weather, material should be cooled to 65°F to 80°F prior to mixing and application to improve workability and avoid shortened pot life. The data shown above reflects typical results based on laboratory testing under controlled conditions.

Actual pot life and working time depend on ambient and material temperatures. In cooler temperatures, the useful working time may be one hour or more; working time will be substantially reduced in warm temperatures. To improve workability and avoid a shortened pot life in hot weather, the material should be cooled to 65°F to 80°F prior to mixing. The data shown above reflects typical results based on laboratory testing under controlled conditions. Reasonable variations from the data shown above should be expected.

| <b>PACKAGING</b>                     | <b>PART NUMBER</b> | <b>UNIT SIZE</b> |
|--------------------------------------|--------------------|------------------|
| CR™ SEALANT (A & B yields-3 Gallons) | CR SEALANT-3 GA    | 5-gallon pail    |

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