



# ELASTO-POXY PRIMER WB

## TWO COMPONENT WATER BASED PRIMER

### TECHNICAL DATA SHEET

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#### PRODUCT DESCRIPTION:

**Pacific Polymers® ELASTO-POXY PRIMER WB** A fast-drying, two-component water-based epoxy primer for use with ELASTO-DECK 5000 polyurethane-based deck coating systems and ELASTO-DECK 6500 traffic coating systems.

The product is a low odor and is non-flammable.

**Composition:** A Bisphenol A-Epichlorohydrin epoxy resin cured with a modified amido amine.

#### BASIC USES:

- **ELASTO-POXY PRIMER W.B.** is specially formulated as a primer for various ELASTO-DECK 5000 polyurethane-based coating systems, ELASTO-DECK 6500 two component polyurethane traffic systems. **ELASTO-POXY PRIMER W.B.** will set up to form a sound surface for polyurethanes to adhere to. **ELASTO-POXY PRIMER W.B.** has excellent adhesion to concrete and wood. (Not to be used on metal or as an interlaminar primer)

**COLOR:** "A" Component is clear to yellowish clear.  
"B" Component is yellowish to amber color.

**PACKAGING:** 1.5-gallon kits.

**LIMITATIONS:** All materials shall be delivered to the job site in unopened containers clearly marked and labeled. Cure time will be affected by climate. Rate of cure will depend on how fast water evaporates from the mixed components. Open containers must be used immediately or if not in use should be closed to minimize evaporating water from the B-component. All surfaces must be completely free of foreign matter and primed, where necessary. Do not break the packaged kit into smaller ratios.

#### WARNINGS AND HAZARDS:

Before using the products, always refer to SDS for important warnings and safety information. Use only in areas with adequate ventilation. Avoid breathing vapors. Avoid contact with eyes and skin.

In the event of skin contact, remove immediately and wash with warm, soapy water. Wear suitable eye protection. Always wash hands before eating. Do not thin material.

#### MIXING INSTRUCTION (EPP-WB)

Caution! AVOID FREEZING. If B-Component is frozen, discard using. Measure substrate surface temperature during winter months to make sure it is above 45oF. For best application, store components at or above 65oF.

Mix B-Component using Jiffy Mixing Blade or similar, attached to a drill. Allow few minutes to break air pockets. Empty A-Component (Resin) completely into the B-Component (Curing Agent).

Mix the combined components for at least 3 minutes using a low-speed drill (300–450 rpm), attached with a Jiffy type Paddle/Mixing blade or similar that is suited to the volume of the mixing container to minimize entrapped air.

Be careful not to introduce air bubbles/pockets during mixing. Allow 3 - 5 minutes induction time - that will break up entrapped air pockets, if any.

Make sure the contents are completely mixed to avoid any weak or partially cured spots in the coating. During the mixing operation, scrape down the sides and bottoms of the container with a flat or straight edge spatula or trowel at once to ensure complete mixing. Apply using a squeegee and back-roll, brush or by pouring a layer and spreading evenly using a paint roller. Thinning is not recommended.

#### INSTALLATION:

- All surfaces which are to be coated with **ELASTO-POXY WB** must be free of contamination such as curing compounds, concrete hardeners, bond breakers, paint, etc.
- Water-curing concrete is recommended instead of using concrete curing compounds.
- All surfaces must be clean and sound, DO NOT apply over damp surfaces.
- Sandblasting is recommended, when possible, otherwise acid etching or wire brushing may be sufficient.
- **Coverage:** 250 sq.ft. per gallon on porous surfaces. Up to 350 sq.ft. per gallon on smooth surfaces.
- Do not over apply the primer. All water must be allowed to evaporate before application of the deck coating. For best results, the surface that has been coated with **ELASTO-POXY PRIMER W.B.** should be coated over within 8 hours. If for some reason the primer is allowed to totally cure to a hard glass-like finish, the surface should be sanded and re-primed with another coat of **ELASTO-POXY PRIMER W.B.** before coating over with our deck coating. **ELASTO-POXY PRIMER W.B.** may be applied by brush, roller, or spray.
- **Clean Up:** Clean tools with detergent and water. Use disposable roller cover and discard properly after use. Acetone could be used for cleaning tools and equipment using proper precautionary measures.

### TEMPERATURE CONSTRAINTS:

- Minimum application temperature is 40°F (4°C) and rising and more than 5°F above dew point.
- Contact Technical Service when substrates are over 90°F (32°C) or under 40°F (4°C).
- Avoid application when inclement weather is present or imminent.
- Do not apply to damp, wet, or contaminated surfaces
- DO NOT ALLOW PRODUCT TO FREEZE!!

Complete technical information is available from  
ITW Polymers Sealants North America, Inc.

### AVAILABILITY AND COST:

- **ELASTO-POXY PRIMER WB** is supplied through building material dealers. Prices vary with quantity and packaging. Quotations are made upon request.
- These products are designed and manufactured to be installed by professional installers familiar with surface preparation and application procedures. All others should consult a professional installer; those who choose to install these products without professional assistance do so at their own risk.

#### **PRODUCT WARRANTY:**

SATISFACTORY RESULTS DEPEND NOT ONLY UPON QUALITY PRODUCTS BUT ALSO UPON FACTORS BEYOND OUR CONTROL; METHODS OF APPLICATION AND SITE CONDITIONS ARE EXAMPLES OF SUCH FACTORS AND CAN AFFECT PRODUCT PERFORMANCE. THIS WARRANTY CONSEQUENTLY EXTENDS ONLY TO PRODUCTS INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF, BY HIS OWN INFORMATION AND TESTS, OF THE SUITABILITY OF THE PRODUCT FOR HIS OWN INTENDED USE; USER ASSUMES ALL RISK AND LIABILITY RESULTING FROM HIS USE OF THE PRODUCT. THE SUBSTRATE TO WHICH THE PRODUCT IS APPLIED MUST BE SOUND STRUCTURALLY AND OTHERWISE. STRUCTURAL OR SUBSTRATE FAILURES OR IMPERFECTIONS RESULTING IN DAMAGE TO OR FAILURE OF THE PRODUCT ARE NOT COVERED BY THIS WARRANTY.

SINCE THE USE OF THE PRODUCT IS BEYOND THE CONTROL OF THE MANUFACTURER, THE MANUFACTURER ASSUMES NO LIABILITY FOR MISAPPLICATION AND MISUSE OF THE PRODUCT.

THIS WARRANTY DOES NOT COVER CONSEQUENTIAL DAMAGES, NOR DOES IT COVER THE LABOR ATTENDANT TO REPLACING PRODUCT IN THE EVENT OF A PRODUCT FAILURE. THE WARRANTY ONLY EXTENDS TO REPLACEMENT OF THE PRODUCT ITSELF.

ALL PRODUCTS PROVEN TO BE DEFECTIVE IN MANUFACTURE WILL BE REPLACED AT NO CHARGE. SINCE THE USE OF THESE PRODUCTS IS BEYOND OUR CONTROL, WE CANNOT ASSUME ANY RISK OR LIABILITY FOR RESULTS OBTAINED, NOR CAN WE ACCEPT DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THESE PRODUCTS.

All of the latest updates to product data and specifications are available at [www.pacpoly.com](http://www.pacpoly.com). Since product data and specifications change, it is the user's responsibility to make certain the most current versions of product data and specifications are being used.

### TECHNICAL DATA

Property	Typical Results
Consistency	Fluid, self-leveling mixture
Color	Mixed material will be "Milky." Material dries too Yellowish clear
Weight Per Gallon-A	9.2 ± 0.1 lbs pounds (@77°F)
Weight Per Gallon-B	8.7 ± 0.2 lbs pounds (@77°F)
Viscosity (Brookfield) A	1000 cps ± 200 cps
Viscosity (Brookfield) B	50 cps – 200 cps
Pot Life	(@77°F) 1-2 hours
Dry to touch	1-2 hours (@ 77°F, 50% RH min Sunlight) (Shaded areas may require longer time to touch)
Solid Content	(Mixed) <49% +/- 2%
Cure Time	Minimum 1-2 hours, 8 hours maximum
VOC Content	(Mixed) 4.8 g/l (EPA 24)
Shelf Life	12 months minimum (unopened containers stored in cool dry locations

\*\* The shelf life for an unopened container stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 12 months from date of manufacture. Store out of direct sunlight in a cool, well-ventilated area. Avoid storing container directly on the floor or against an outside wall. Do not allow to freeze.

### TECHNICAL SERVICE

Technical assistance can be obtained by contacting:

#### **ITW POLYMER SEALANTS NORTH AMERICA**

12271 Monarch Street  
Garden Grove, CA 92841  
Tel: 1-800-888-8340  
Fax: 714-898-5687