



# DECK-THANE PRIMER

## SINGLE COMPONENT VOC COMPLIANT MOISTURE CURED PRIMER

### TECHNICAL DATA SHEET

#### PRODUCT DESCRIPTION:

Pacific Polymers® DECK-THANE Primer is a single component, moisture cured, solvent-borne, VOC compliant polyurethane primer for concrete and wood surfaces.

#### BASIC USES:

Used to promote adhesion of **ELASTO-DECK 5000** polyurethane deck coating systems, polyurethane joint sealants, **Elasto-Deck BT**, **Elasto-Deck BT** and **Elasto-Mat D&G** to concrete and wood. Also used to achieve adhesion between coats of **Elasto-Deck BT**, **Elasto-Deck BT H20** and **Elasto-Mat D&G**.

#### LIMITATIONS:

All materials shall be delivered to the job site in unopened containers clearly marked and labeled. Containers that have been opened must be used up within one or two days since it is a moisture-reactive material. The material will cure when exposed to air. All surfaces must be completely free of foreign matter and primed, where necessary.

#### TECHNICAL DATA

Property	Typical Results
Consistency	Fluid
Color	Yellowish to amber
Odor	Mild aromatic odor
Weight Per Gallon	9.55 +/- 1.10 pounds (@75°F)
Viscosity (Brookfield)	500 maximum cps (@75°F)
Dry to touch	2 hours (@ 75°F, 50% RH min)
Solid Content	68% +/- 2% (Weight)
VOC	28 g/L, EPA method 24
Cure Time	2 – 8 hours

\*\* The shelf life for an unopened container stored at temperatures between 60°F (15.6°C) and 95°F (35°C) is 6 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.

#### 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. Keep away from heat and flame. 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.

#### INSTALLATION:

- All surfaces which are to be coated with DECKTHANE PRIMER must be free of contamination such as curing compounds, concrete hardeners, bond breakers, paint, etc. We recommend water-curing concrete instead of using concrete curing compounds. All surfaces must be clean, sound and dry. Sandblasting is recommended when possible, otherwise acid etching and wire-brushing may be sufficient.
- Coverage:** 250 to 350 sq.ft. per gallon depending on the surface. Rough surfaces may require 250 sq.ft per gallon, smoother surface may require up to 350 sq.ft. per gallon.
- All solvents must be allowed to evaporate off before application over **DECK-THANE PRIMER** is possible. For best results, allow the surface coated with **DECK-THANE PRIMER** to cure for a minimum of 2 hours before the application of the polyurethane membrane or joint sealant. If the primer is allowed to cure in excess of 8 hours, the surface should be sanded and re-primed with **DECK-THANE PRIMER**.
- DECK-THANE PRIMER** should not be applied over wet surfaces as full adhesion and penetration will not be obtained.
- DECK-THANE PRIMER** may be applied by brush, roller or spray. Containers that have been opened must be used up within one or two days since it is a moisture-sensitive product.

#### CLEAN UP:

Equipment and tools should be cleaned immediately after use with acetone or other exempt solvent.

#### 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.

### AVAILABILITY AND COST:

- **DECK-THANE PRIMER** 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.

**PACKAGING:** 1 gallon and 5 gallon pails.

### TECHNICAL SERVICE

All of the latest updates to product data and specifications are available at [www.itwsealants.com](http://www.itwsealants.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.

### 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.

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