



## WALL-PREP™ WP-825

### WHITE-PIGMENTED ALKYD BINDER UNDERCOATER (Meets Federal Specifications TT-E-543A & TT-P-25E)

#### PRODUCT

**DESCRIPTION:** A white-pigmented alkali-resistant soya/alkyd binder type sealer for exterior or interior.

**BASIC USES:** For industrial, commercial and residential use on new or previously painted brick, chalked paint, sandy mortar, sandblasted masonry, surfaces coated with powder-type cement paint, surfaces from which peeling, flaking, chipping and efflorescent conditions have been removed, concrete, concrete block, or stucco surfaces that are unpainted and weathered, and soft or porous cement-asbestos shingles.

#### PRODUCT

**ADVANTAGES:**

- \* Superior adhesion
- \* Penetrates
- \* Excellent coverage
- \* May be topcoated with either alkyd or latex finish coats
- \* Fast drying
- \* Restores
- \* Durable and tough

#### TECHNICAL DATA

<b>Percent Solids:</b>	70.71 ± 1% by weight 54.33 ± 1% by volume	<b>Finish:</b>	Flat (2°-5°)* *Geometry 60°
<b>Weight/Gallon:</b>	10.42 ± 0.5 lbs.	<b>Viscosity:</b>	80 - 85 Ku's
<b>Flash Point:</b>	130°F TOC	<b>Percent Pigment by Weight:</b>	40.00 ± 1%
<b>Drying Time:</b>	To touch: 1.5 hours To topcoat: 8 hours	<b>Theoretical Coverage:</b>	450 sq. ft./gal.
<b>Recommended Film Thickness:</b>	2.5 mils dry, 4 mils wet	<b>Sizes:</b>	5 gallons 1 gallon
<b>Thinning:</b>	Not normally recommended, but if necessary use LANCO® Mineral Spirits MS-107.		

**Surface Preparation:** Surface must be dry, clean, and free of all contaminants such as dirt, grease, mildew, oil, rust, loose or badly cracked paint. Remove dust and dirt with stiff bristle or wire brushes and compressed air. Remove oil and grease with *LANCO® Lacquer Thinner LT-102*. Fill cracks and nail holes with *LANCO® Siliconizer Elastomeric Crack Filler™ RC-230* and let dry 24 hours before priming.

**New Surfaces:**

**CONCRETE:** Must be fully cured (thirty days), dry, and clean. Prime with *LANCO® Wall-Prep White-Pigmented Alkyd Binder Undercoater™ WP-825*.

**WOOD:** Caulk nailheads and joints or cracks with *LANCO® SiliconFlex White Caulk™ CC-767* and allow to dry 24 hours before painting. Sand rough areas and prime entire surface with *LANCO® Wall-Prep White-Pigmented Alkyd Binder Undercoater™ WP-825*.

**STEEL:** Remove rust by hand or power tool cleaning (SSPC-SP 2-63 or SP 3-63) and prime with *LANCO® Wall-Prep White-Pigmented Alkyd Binder Undercoater™ WP-825*.

**GALVANIZED STEEL:** Remove oil and dirt by solvent cleaning (SSPC-SP 1-63) with *LANCO® Lacquer Thinner LT-102* and prime with *LANCO® Wall-Prep White-Pigmented Alkyd Binder Undercoater™ WP-825*.

**PLASTER:** Scrape and sand all plaster nibs. Cracks should be spackled smooth and sealed with *LANCO® Vinyl/Acrylic Spackling Compound SC-101*; let dry 24 hours. No paint or sealer should be applied on plaster when the moisture content exceeds 8%, as determined by an electronic moisture meter and prime entire surface with *LANCO® Wall-Prep White-Pigmented Alkyd Binder Undercoater™ WP-825*.

**GYPSUM WALLBOARD:** Tape joints with vinyl joint compound. Nailheads should be sanded smooth and sealed with *LANCO® Vinyl/Acrylic Spackling Compound SC-101* and let to dry 24 hours.

**Previously Painted Surfaces:** SURFACES IN GOOD CONDITION: Sand any glossy areas and dust clean. Wipe away dirt and chalk. Prime the complete area as recommended under *New Surfaces*.

SURFACES IN POOR CONDITION AND SHOP PRIMED SURFACES which are partially removed or loose by blistering, peeling, rupture or scratching should be scrap removed. Prime the complete area as recommended under *New Surfaces*.

**Mildewed Surfaces:** Any existing mildew on the surface must be completely killed and removed prior to the application of primer or paint. Any mildew not removed may continue to grow through the new finish. Using a long-handled brush, scrub mildewed surface with a mixture of one quart of household bleach and three quarts of warm water. Rinse completely and let dry. Prime the entire area as recommended under *New Surfaces*.

**Method of Application:**

**BRUSH:** Use a good quality nylon or polyester brush.

**ROLLER:** Use a *LANCO® 1/4" Nap Enamel Roller PA-565*.

**CONVENTIONAL SPRAY:** For suction feed, use a DeVilbiss MBC gun with an "E" tip and needle and 30 air cap or equivalent at 40–45 psi atomizing pressure. For pressure feed, use a DeVilbiss MBC gun with an "E" tip and needle and 704 air cap or equivalent, at 40–45 psi atomizing pressure and 5–8 psi fluid pressure, 3/8" ID material hose, double-regulated pressure tank with oil and moisture separator.

**AIRLESS SPRAY:** Minimum of 28:1 ratio pump, .013"-.015" tip, 1/4" ID Teflon material hose.

**Mixing:** Always mix thoroughly with a power agitator before application.

**Cleanup:** Clean all equipment immediately after use after use with *LANCO® Lacquer Thinner LT-102*. Completely flush all spray equipment with this solution.

**Caution:** Do not take internally. If swallowed, seek medical attention immediately, do not induce vomiting. Close container after each use. Keep out of the reach of children. Use only with adequate ventilation.

**Notice:** The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to changes without prior notice.

**M.S.D.S.:** Available upon request.