



# TECHNICAL DATA SHEET

## WALL MASTER™

### ALKYD GLOSS ENAMEL

(Meets Federal Specification TT-E-509B)

#### PRODUCT

**DESCRIPTION:** A high quality, linseed oil interior or exterior gloss house paint, specially formulated for durability and modified with an alkyd resin for superior adhesion to both new and previously painted surfaces.

**BASIC USES:** For industrial, commercial, and residential use on new or previously painted metal, wood, brick and cement surfaces.

#### PRODUCT

**ADVANTAGES:**

- \* Durable and tough
- \* Excellent color retention
- \* Good coverage
- \* Will not peel or blister under extreme conditions
- \* Fast-drying
- \* Mildew and stain resistant
- \* Non-yellowing

**COLORS:** Available in white, black and four bases (pastel, tint, deep and accent) to prepare custom colors from the LANCO® *Color Express Color System*.

### TECHNICAL DATA

<b>Percent Solids:</b>	43.21 ± 1% by weight 29.70 ± 1% by volume	<b>Finish:</b>	Gloss (over 80%)* *Geometry 60°
<b>Weight/Gallon:</b>	9.24 ± 0.5 lbs.	<b>Viscosity:</b>	70-78 Ku's
<b>Cure Type:</b>	Oxidation	<b>Percent Pigment by Weight:</b>	20.22 ± 1%
<b>Flash Point:</b>	154°F TOC	<b>Theoretical Coverage:</b>	600 sq. ft./gal.
<b>Drying Time:</b>	To touch: 4 hours To recoat: 12 hours To cure: 24 hours	<b>Sizes:</b>	5 gallons 1 gallon
<b>Recommended Film Thickness:</b>	1.9 mils dry, 2.6 mils wet		
<b>Thinning:</b>	Not normally recommended, but if necessary, use up to 1/2 pint of LANCO® <i>Mineral Spirits MS-107</i> .		

**Surface Preparation:** Surfaces 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 brush 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 painting.

**New Surfaces:** CONCRETE: Must be fully cured (30 days), dry and clean. Prime with one coat of *LANCO® Wall-Prep Alkyd White-Pigmented Binder Undercoater™ WP-825* (coverage: 450 sq. ft./gal).

**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* (coverage: 450 sq. ft. per gallon).

**STEEL:** Remove rust by hand or power tool cleaning (SSPC-SP 2-63 or SP 3-63). Prime with *LANCO® Metal Master Primer™*.

**GALVANIZED STEEL:** Remove oil and dirt by solvent cleaning (SSPC-SP 1-63) with *LANCO® Lacquer Thinner LT-102* and prime with *LANCO® Super Galvanized Primer™ SG-664*.

**PLASTER:** Plaster nibs should be scraped and sanded smooth. Cracks should be spackled smooth and sealed with *LANCO® Vinyl/Acrylic Spackling Compound SC-101* and 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.

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

**Surfaces in Good Condition:** Sand any glossy areas by brush blasting (SSPC-SP 7-63) and dust clean. Wipe away dirt and chalk. Use soap and water in overhead areas such as eaves and ceiling to remove invisible residues — a major cause of peeling in these areas. Rinse clean and allow to dry. Prime as recommended under *New Surfaces*.

**Surfaces in Poor Condition:** If paint is old, loose, peeling or badly weathered, repair and clean surface by sanding, brush blasting (SSPC-SP 7-63) or other methods in order to provide a sound surface. Apply a full coat of primer 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 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 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 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 reach of children. Use only with adequate ventilation.

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

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