



DUREX™

DIRECT-TO-METAL (DTM)

ACRYLIC WATERBORNE HIGH GLOSS ENAMEL

(15 Minutes Drying)

PRODUCT

DESCRIPTION: An industrial grade high build acrylic quick-drying, high gloss latex enamel with excellent adhesion and color retention properties designed specially to be used directly over properly prepared surfaces. Creamy and smooth in application, it guarantees one-coat coverage over any color or surface, interior or exterior.

BASIC USES: For industrial, commercial and residential use, on new or previously painted metal, concrete, brick, masonry, and properly prepared wood.

PRODUCT

ADVANTAGES:

- * Corrosion resistant
- * Solventless
- * Industrial grade
- * Excellent color retention
- * Non-yellowing
- * Easy water cleanup
- * Direct-to-metal
- * Fast-drying
- * Block and water resistant
- * Durable and tough
- * Odorless
- * Non-flammable
- * Non-polluting
- * Resistant to chemicals

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

TECHNICAL DATA

Percent Solids:	51.00 ± 1% by weight 36.15 ± 1% by volume	Finish:	High Gloss (over 80°)* *Geometry 60°
Weight / Gallon:	10.26 ± 0.5 lbs.	Viscosity:	85–90 Ku's
Flash Point:	Non-flammable	Percent Pigment by Weight:	23.39 ± 1%
Drying Time:	To touch: 15 minutes To recoat: 4 hours	Theoretical Coverage:	450 sq. ft./gal.
Recommended Film Thickness:	2 mils dry, 4 mils wet	Sizes:	5 gallons 1 gallon 1 quart
Thinning:	Not normally recommended, but if necessary, add water up to 1/2 pint per gallon.		

Surface Preparation: All surfaces must be dry, clean and free of contaminants such as dirt, grease, chalk, mildew, oil, rust, loose or badly cracked paint. Fill cracks and nail holes with *LANCO® Siliconizer Elastomeric Crack Filler™ RC-230* and let dry two hours before painting.

New Surfaces: CONCRETE, STRUCTURAL BLOCK, STUCCO, AND WEATHERED ASBESTOS SHINGLES must be fully cured (thirty days), dry and clean. Prime with one coat of *LANCO® Wall-Prep White Acrylic Undercoater™ WP-823* (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*.

STEEL AND ALUMINUM: Remove rust by hand or power tool cleaning (SSPC-SP 2-63 or SP 3-63) and prime with *LANCO® Durex Primer™* or *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*.

Surfaces in Good Condition: Sand any glossy areas by brush blasting (SSPC-SP 7-63) and dust clean. Wipe away dirt and chalk, or use *LANCO® Stain Killer WP-039*. Use soap and water in overhead areas such as eaves and ceilings to remove invisible residues — a major cause of peeling in these areas. Rinse clean and allow to dry. Apply a full coat of primer 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*.

Limitations: When used as a primer/finish coat system, apply two coats of *LANCO® Durex™*. When used as a primer, use one coat of *LANCO® Durex™* followed by one or two coats of desired finish.

Mildewed Surfaces: This paint contains a mildewcide, designed to resist mildew growth on the dried paint film itself. 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 surfaces with a mixture of one quart of household bleach and three quarts of warm water; rinse completely and let dry. Prime the entire areas 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 at 40–45 psi atomizing pressure and 5–8 psi fluid pressure, 3/8" ID material hose, and 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 with warm soapy water. Completely flush all spray equipment with this solution.

Precaution: Do not apply when air or surface temperature is below 50°F (10°C). Apply liberally, but *do not overspread*. Stop painting at least two hours before you expect dew to form or the temperature to fall below 50°F (10°C).

Caution: Do not take internally. 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 change without prior notice.

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