



# TECHNICAL DATA SHEET

## Ultra Durex DTM (DE-3310)

### Acrylic Waterborne Satin

#### Description

Lanco® Ultra Durex DTM™ is a direct-to-metal corrosion resistant waterborne styrene acrylic for interior and exterior use, with excellent adhesion and color retention properties designed specially to be used directly over properly prepared surfaces as a primer/finish. Can be used over oil or latex paints.

#### Product Advantages

- Primer / Finish
- Corrosion resistant
- Fast-drying
- Solvent free
- Block and water resistant
- Industrial grade
- Durable and tough
- Excellent color retention
- Odorless
- Non-yellowing
- Non-flammable
- Easy water cleanup
- Non-polluting
- Resistant to chemicals

#### Product Uses

Lanco® Ultra Durex is used in light to moderate industrial climates for new construction and maintenance. Ideal for aluminum, ferrous metal and galvanized metal.

#### Base & Tinting Information

Follow tinting requirement specified within appropriate color formula book, color matching computer and automatic tinting equipment.

#### BASE/COLOR:

DE3310	White /Paste
DE3311	Tint
DE3312	Deep
DE3313	Accent

The use of deep tinted colors or high contrast accent colors may require the addition of one or more finish to achieve acceptable coverage and hiding results.

#### Technical Data

<b>SOLIDS:</b>	51.0 ± 1% by weight 40.0 ± 1% by volume
<b>V.O.C LEVEL:</b>	100 g/L
<b>WEIGHT / GALLON:</b>	10.47 ± 0.5 lbs.
<b>FINISH:</b>	Satin (25°-40°)*Geometry 60°
<b>FLASH POINT:</b>	Non-flammable
<b>FIRE RATING:</b>	Class A
<b>VISCOSITY:</b>	85-90 Ku's
<b>SUGGESTED FILM THICKNESS, COVERAGE PER COAT:</b>	5 mils wet, 2 mils dry 300-350 sq ft/ gal

\*Coverage figures do not include surface porosity, irregularities & material loss due to application methods.

#### Application

Stir or shake thoroughly before using. Read all label and Safety Data Sheets (S.D.S.) information prior to use. Paint always on shaded side of the building. Do not apply in cold, damp conditions. Avoid exterior application late in the day when dew or condensation is likely to form or rain is expected. Typical standard practice recommends intermixing when working with more than one container of a tinted color, to ensure color consistency.

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

**ROLLER:** Use a 1/2" to 1 1/4" nap roller cover, depending on the substrate texture.

**AIRLESS SPRAY:** Use a tip size from .017" to .023". Spray application must be back rolled to work material into surface.

**MIXING:** Always mix thoroughly before and during application.

**THINNING:** This product is not to be thinned.

**CLEANUP:** Clean all equipment immediately after use with warm soapy water. Completely flush all spray equipment with this solution.

#### DRYING TIME@ 77°F @ 50% RH:

Temperature and humidity dependent.

To touch: 15 minutes To recoat: 4 hours

#### Technical Compliance:

AIM:	PASSES
OTC:	PASSES

### Surface Preparation

Surface must be completely dry and in sound condition. All surfaces must be clean and free of contaminants such as form and release agents, dirt, grease, oil, rust, chalk, efflorescence, organic growth, mildew and non-adherent material. Gloss finishes should be sanded or de-glossed. Feather sand rough edges and spot prime bare areas. Any deteriorated or failed sealant and/or patching compound should be removed and replaced. Fill cracks and primed nail holes with spackling compound and let dry two hours before painting.

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

**GALVANIZED STEEL:** Remove oil and dirt with lacquer thinner. If any oxidation (white rust) has formed, sand and remove all forms of contamination. If the galvanized has been passivated or stabilized, the surface must be abraded, i.e., Brush-Off Blast Clean per SSPC-SP7 or chemically treat the surface. Weathered galvanizing (2+ years of exterior weathering) must be thoroughly cleaned (power washed).

#### PREVIOUSLY PAINTED SURFACES:

**SURFACES IN GOOD CONDITION:** Sand any glossy areas by brush blasting (SSPC-SP 7-63) and dust clean.

**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.

**MILDEWED SURFACES:** Any existing mildew on the surface must be killed and removed prior to the application of this product. 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. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach / water solution.

### General Information

**PRECAUTION:** For exterior use only. Do not add mineral spirits or other solvents to this product. Do not apply when surfaces or air temperature are below 50°F (10°C). Do not expose to freezing temperatures in storage. Do not use on unpainted ferrous metal. Do not use on staining wood such as cedar, mahogany, or redwood.

**LIMITED WARRANTY:** The manufacturers liability in connection with the sale of this product extend only to the replacement price if it should fail to comply with quality standards or specifications.

**CAUTION:** Harmful if swallowed. Contains Acrylic Resin. In case of eye contact, flush thoroughly with water. Do not rub eyes. In case of skin contact, flush area immediately with clean water. If swallowed, do not induce vomiting. Consult a physician immediately. Use only with adequate ventilation. Adequate ventilation required when sanding or abrading the dried film. Always use NIOSH/MSHA TC21C or equivalent.) Goggles are recommended while handling the product. Keep out of reach of children.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. Lead is toxic. Exposure to lead dust can cause serious illness, such as brain damage, especially in children. Pregnant women should also avoid exposure. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). For chemical emergency call ChemTrec 1-800-424-9300. PROTECT FROM FREEZING.

S.D.S.: Available upon request.

The information presented on this Technical Data Sheet is based on testing conducted by Lanco® Paints & Coatings. No guarantee of accuracy, comprehensiveness, or performance is given or implied. Information and recommendations are subject to change dependent on surface conditions (substrate), weather and method of application. Please consult with a Lanco Representative or visit [www.lancopaints.com](http://www.lancopaints.com) for complete, up-to-date technical information.



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