



# Lanco Urethane WB 65

Product 65WB

## TECHNICAL DATA SHEET

### Chemical Resistant Urethane Coating

#### PRODUCT DESCRIPTION

**Lanco Urethane WB 65** is a clear 65% solids, two (2) component polyol coating system for application directly over **Lanco 100% epoxy primer** or an appropriate **Lanco base coat system**. **Lanco Urethane WB 65** provides excellent chemical resistance to most common chemicals along with excellent abrasion resistance, flexibility, and good UV resistance. It has excellent adhesion with substrate failure under testing. **Lanco Urethane WB 65** is ideal for interior or exterior application where high gloss is desirable. **Lanco Urethane WB 65** has a good pot life at (3.5 hrs.) and can be applied under a broad range of environmental conditions. **Lanco Urethane WB 65** can be field pigmented when desired with **Lanco Colorant, series 090**.

**Lanco Urethane WB 65** can be applied up to 4 mils thick in one pass.

#### USES

Typical uses for the **Lanco Urethane WB 65** include:

- Heavy traffic aisles and warehouse flooring.
- Aircraft hangars that require light reflective qualities.
- Automotive service centers.
- Exterior tanks.
- Laboratories.

#### ADVANTAGES

- **May be applied over a Lanco solvent-based base coat system.**
- Extended pot life.
- No harmful solvent odors.
- Quick drying for fast re-coating.
- USDA approved ingredients.

#### LIMITATIONS

- **Can not apply Lanco solvent-based products on top of Lanco water based systems.**
- Substrate temperatures must be 5°F above dew point
- Requires application over a Lanco epoxy primer, base coat, or top coat.
- Can not be applied at thicknesses greater than recommended.
- Relative humidity during application can not be greater than 95%.
- Only **Lanco Colorant, series 090**, can be used.
- Colors may be affected by high humidity, low temperatures and chemical exposures.
- Light or bright colors (white, yellow) may require multiple coats to hide.
- Tire contact may cause staining and discoloration.
- Do not expose to harsh chemicals until full cure has been achieved.

#### COLOR, SIZES and MIX RATIOS

- Water clear or 21 standard field pigmented colors. (Use **Lanco Colorant only, series 090**)
- **Lanco Urethane WB 65** is available in 5 gallon units.
- **Pre-blend component "R" prior to the mixing of the three (3) components, with a very low speed jiffy mixer until completely blended. This will take about 2 to 3 minutes. Be careful not to introduce any air bubbles while mixing.**
- In separate mixing vessel mix three (3) parts component "R" to two (2) parts component "H" with 5 cups water. If less viscosity is desired up to one more gallon of water may be added.

Toll Free: 1-877-706-4400 / Phone: (503) 285-8200 / Fax: (503) 285-8245  
8454 N Interstate Place Suite H, Portland, Oregon 97217  
Check us out on the web: [www.lanco-mfg.com](http://www.lanco-mfg.com)

**Note:** If mixing less than full batch quantities cut all three components to the appropriate percentage.

- Mix with a variable speed jiffy mixer, until completely blended. This will take about 2 to 3 minutes.
- Due to the difference in viscosity between the Part "R" Resin and Part "H" Hardener, care must be taken to ensure that all three components are thoroughly mixed in order to avoid weak or partially cured spots in the coating.
- **Lanco Urethane WB 65** may be applied with a squeegee or a Lamb's wool roller.

#### PHYSICAL CHARACTERISTICS

Solids by Weight:	65% $\pm$ 1%
Coverage:	320 to 500 sq.ft./gl.
3-5 mils wet =	1.5 – 3 dry mils
High gloss – Ericksen Glossmeter:	60 <sup>0</sup> Gloss 99.1 @ 8 days
Abrasion Resistance Taber Abrasion, C-17 1000 grams/500 cycles	20.0 mg. loss
Reverse Impact Resistance	160" in lbs.
Persoz Hardness	284
Flexibility	No cracks, 1/8 Mandrel
Adhesion – 360 psi	Concrete Failure
Application Temperature	40 <sup>0</sup> to 110 <sup>0</sup> F
<b>Cure Times at 72<sup>0</sup>F</b>	
Potlife	3 – 5 hours
Tack Free	2 – 4 hours
Recoat	4 – 8 hours
Light Foot Traffic	14 – 24 hours
Full Cure	3 – 5 days
Film Build	5 – 6 mils

#### PRODUCT AVAILABILITY

Product is available through:

Lanco Manufacturing & Distributing Inc.  
8454 N Interstate Place Suite H  
Portland, Oregon 97217

Toll Free: 1-877-706-4400  
Phone: (503) 285-8200  
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Web Site: [www.lanco-mfg.com](http://www.lanco-mfg.com)

#### TECHNICAL/SPECIFICATION SERVICES

Additional product data, complete technical support and product specifications are all available through Lanco Manufacturing & Distribution Inc.; or their local representatives.

Every reasonable precaution and effort has been taken in the manufacturing of all Lanco products to comply with the published product data. Actual product performance may vary slightly due to environmental influences and/or conditions.

#### LIMITED WARRANTY

Lanco Manufacturing & Distributing warrants its product to be of good quality and will replace any product proved defective. Satisfactory results depend not only upon quality products but also upon many factors beyond our control. Therefore, except for such replacement, **LANCO MANUFACTURING & DISTRIBUTING MAKES NO WARRANTY OR GUARANTEE, EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY, RESPECTING ITS LANCO MANUFACTURING & DISTRIBUTING INC. PRODUCTS**, and Lanco Manufacturing & Distributing Inc. shall have no other liability with respect thereto, including without limitation, liability for incidental or consequential damages. Any claim regarding product defect must be received in writing within one hundred and eighty (180) days from the date of shipment. No claim will be considered without such written notice or after the specified time interval. The user shall determine the suitability of the products for the intended use and assume all risks and liability in connection therewith.

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