



# Lanco Epoxy 100

Product 100E

## Epoxy Polymer Flooring System

## TECHNICAL DATA SHEET

### PRODUCT DESCRIPTION

A two (2) component 100% solids, 100% reactive water-clear epoxy polymer base and/or top coat system for medium and general use applications where a normal cure formulation can be tolerated. Blended with select aggregates, this system can be troweled as an overlay system or applied as a slurry system with optional broadcast aggregate. **Lanco Epoxy 100** when coated with one of the appropriate top coat provides very good impact, abrasion, and chemical resistance characteristics.

**Lanco Epoxy 100** is formulated specifically for interior use only on dry substrates and in application temperatures at not less than 13°C (55°F); and meets VOC regulations.

**Lanco Epoxy 100** is a self-priming system for slurry applications or can be applied neat as a primer for troweled overlays. This system can be installed with a monolithic cove base to create a seamless and sanitary installation.

### USES

Typical uses for the **Lanco Epoxy 100** include:

- Industrial floors.
- Warehouse aisle ways.
- Some processing facilities.
- Wastewater treatment facilities.
- Laboratories.
- Commercial kitchens.

And, where ever the following flooring properties are required:

- Slip-resistant safety surface.
- Increased ease of maintenance.
- Good abrasion resistance.
- Durability and sanitary protection.

### ADVANTAGES

- Good resistance to many common chemicals.
- Monolithic installation with integral cove base.
- Self-priming product (except troweled applications).
- Provides a highly durable and protective flooring system.
- For commercial / industrial applications.
- No offensive odors during installation.
- USDA approved ingredients.

### LIMITATIONS

- Requires a protective top coat.
- Must be installed on dry surfaces only.
- Only available in normal cure.
- Limited substrate temperature range during installation.
- Not suitable in areas of harsh chemical use.

### COLOR and TEXTURES

- Water-clear.
- Various slip-resistant textures available.

### PRODUCT APPLICATION

The **Lanco Epoxy 100** can be applied over the VaporGard Coating System in applications where hydrostatic or vapor transmissions could be a potential hazard; and can be used with any of the Lanco complimentary and repair products; and can be applied as a:

- Slurry or Slurry/Broadcast System - typically  $\frac{1}{16}$ " thickness or greater.
- Troweled overlay system – typically  $\frac{3}{16}$ " or greater.

### CHEMICAL RESISTANCE

Refer to separate product chemical resistance tables, or for specific product applications, contact your local Lanco representative.

## 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  
Fax: (503) 285-8245  
E-mail: [lancoproducts@yahoo.com](mailto:lancoproducts@yahoo.com)  
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.

## PHYSICAL CHARACTERISTICS

Solids by Weight	100%
Gloss	98
Pot Life	1 hr
Tack Free	25 minutes
Tensile Strength	psi
Flexural Strength	5,650 psi
Compressive Strength	14,160 psi
Izod Impact Strength	0.56 lb/in
Application Temperature	50-90°F

## 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.