



Lanco PMU 30

Product 30

TECHNICAL DATA SHEET

Acrylic Emulsion Polymer

PRODUCT DESCRIPTION

Lanco PMU 30 is a high solids, one (1) component acrylic emulsion polymer coating system that provides a tough, hard film for application over any porous concrete surface, as a clear coating or colorized. **Lanco PMU 30** provides excellent chemical resistance to most common chemicals has flexibility and is highly UV resistant. In addition Lanco PMU 30 incorporates a polyethylene wax that provides early water resistance and water beading.

Lanco PMU 30 is an acrylic emulsion polymer coating system that will cure to a flat finish. Additional coats will provide a gloss build.

Lanco PMU 30 has been formulated for interior or exterior use.

USES

Typical uses for the **Lanco PMU 30** include:

- Patios
- Walkways
- Driveways
- Garages
- Essentially any porous concrete surface

ADVANTAGES

- Economic alternative to urethane coating systems.
- Excellent chemical resistance.
- Resistance to UV exposure.
- Easy to apply.
- Low maintenance

LIMITATIONS

- Substrate temperatures must be a minimum 50°F.
- Contains solvents and must be used in areas that are properly ventilated.

- Only **Lanco Colorant 090 Series** 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 or will need to be applied over a color-coordinated primer.
- Tire contact may cause staining and discoloration.
- Do not expose to harsh chemicals until full cure has been achieved.
- Twelve (12) month shelf life in unopened containers when stored in temperatures between 35°F and 80°F.
- Keep product from freezing.

COLOR, SIZES and MIX RATIOS

- Water Clear, or 21 Standard field pigmented Colors (Use **Lanco 090 Series Colorants** only)
- **Lanco PMU 30** is available in 5-gallon pails.
- One (1) component system. **Mix 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.**
- If colorized read and follow suggested volumetric mixing ratios on product label.
- **Recommended application is with a roller** but may be applied with a brush or airless sprayer.

PHYSICAL CHARACTERISTICS

Percent Solids	30%
pH	7.0 +/- 0.5
Viscosity	275 (Brookfield, #3/100rpm)
VOC (g/l)	166
VOC (lbs./gal)	0.46

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Tg	46C
MFFT	46C
Particle Size (mean)	0.07 microns
Particle Charge	Anionic
Coverage per gallon	500 sq. ft.

All coverage rates are theoretical and no guarantee of results is possible due to individual project variables; including conditions of the substrate, application temperatures, and installation techniques.

Cure times @ 70°F

Pot Life: 1 hour
Tack Free: 1 hour
Recoat: Within 2 hours
Light Foot Traffic: 2 hours after 2nd coat
Full Cure: 24 hours

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.
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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.