



SEAL COAT™

ACRYLIC ELASTOMERIC FLAT PAINT

(Meets Federal Specification TT-C-555B)

PRODUCT

DESCRIPTION: A high quality, elastomeric wall coating with excellent flexibility, durability, weatherability and elongation properties. *LANCO® Seal Coat™* offers superior flexibility and elongation to allow for expansion in concrete and masonry exterior walls, bridging small cracks and covering minor surface defects. Creamy and smooth in application and easily cleaned up with water. Resistant to wind-driven rain (Paragraph 3.3, System I of Federal Specification TT-C-555B).

BASIC USES: For industrial, commercial and residential use on weather exposed surfaces of concrete, unglazed brick, stucco, open texture block and properly prepared wood and steel.

PRODUCT

ADVANTAGES:

- * 110% elongation
- * Easy to clean
- * Durable and tough
- * Chalk resistant
- * Alkali resistant
- * 215 psi tensile strength
- * Excellent color retention
- * Mildew and stain resistant
- * Will not peel or blister even under extreme conditions

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

TECHNICAL DATA

Percent Solids:	54.00 ± 1% by weight 38.00 ± 1% by volume	Finish:	Flat (5°-10°)* *Geometry 60°
Weight / Gallon:	11.20 ± 0.5 lbs.	Viscosity:	110-115 Ku's
Flash Point:	Non-flammable	Tensile Strength:	215 psi (ASTM D412)
Drying Time:	To touch: 1 hour To recoat: 5 hours	Elongation:	110 % (ASTM D412)
Recommended Film Thickness:	2 mils dry, 4 mils wet	Theoretical Coverage:	450 sq. ft./gal.
Thinning:	Not normally recommended, but if necessary, add water up to 1/2 pint per gallon.	Percent Pigment by Weight:	34.00 ± 1%

Surface Preparation: Surface must be dry, clean and free of all contaminants such as dirt, grease, mildew, oil, rust, loose or badly cracked paint. Remove dust and dirt with stiff bristle or wire brushes and compressed air. Remove oil and grease with *LANCO® Lacquer Thinner LT-102*. Fill cracks and nail holes with *LANCO® Siliconizer Elastomeric Crack Filler™ RC-230* and let dry two hours before painting.

Crack Repairs: Cracks must be filled prior to painting with *LANCO® Siliconizer Elastomeric Crack Filler™ RC-230*. Treatment of cracks is required to obtain the water resistant protection to the building and to help prevent further cracking and deterioration. Methods of treatment depend upon the size of the crack.

HAIRLINE SURFACE CRACKS, which represent surface stress defects and do not extend to significant depth through the substrate. These can be simply topcoated with *LANCO® Seal Coat™* once the appropriate surface preparation has been completed.

DEEP HAIRLINE CRACKS: Thin cracks which extend to a significant depth through the substrate. All dust and dirt should be removed from areas surrounding the cracks. If mildew is present in and around the cracks it should be removed before painting or sealing. All cracks should be primed with *LANCO® Acrylic Roof and Wall Primer Sealer AS-210* alkali resistant primer, making sure penetration into the crack is thorough and that it overflows around the crack one to two inches. After recommended drying time, apply with a putty knife *LANCO® Siliconizer Elastomeric Crack Filler™ RC-230* over hairline cracks.

CRACKS UP TO 1/16": Apply *LANCO® Acrylic Roof And Wall Primer Sealer AS-210* into the crack as deeply and thoroughly as possible and overflowing it two inches around the crack. Let dry and fill the cracks with *LANCO® Siliconizer Elastomeric Crack Filler™ RC-230*. Force the sealant into the crack and two inches to each side of it; using a brush, putty knife or trowel, smoothing the edges around the crack over the primer area. When filling the crack, allow for some shrinkage of the sealant.

CRACKS LARGER THAN 3/8": Cracks this size indicate structural problems. If cracks of this size or larger are present, consult a specialist on building materials and renovations to recommend appropriate methods of repair.

New Surfaces: CONCRETE AND BLOCK must be fully cured (30 days), dry and clean. Prime with one coat of *LANCO® Wall-Prep White Acrylic Primer™ WP-823*.

WOOD: Caulk nail holes, joints or cracks with *LANCO® SiliconFlex White Caulk™ CC-767* and allow to dry 24 hours before painting. Prime entire surface with *LANCO® Wall-Prep White-Pigmented Alkyd Binder Undercoater™ WP-825*.

STUCCO: Stucco, a variable substrate varying with mixture, application method and material ratios when applied, should be fully cured (thirty days) before application. *LANCO® Seal Coat™* can normally be applied without thinning, directly over quality, fully cured stucco. Stucco which is extremely porous may require thinning for the initial coat up to one quart of water for five gallons.

Previously Painted Surfaces: SURFACES IN GOOD CONDITION: Sand any glossy areas 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. Prime the complete area as recommended under *New Surfaces*.

SURFACES IN POOR CONDITION AND SHOP PRIMED SURFACES which are partially removed or loose by blistering, peeling, rupture or scratching should be scrap removed. Prime the complete area as recommended under *New Surfaces*.

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 area as recommended under *New Surfaces*.

Method of Application:

BRUSH: Use a good quality nylon or polyester brush.

ROLLER: Use a *LANCO® Rough Surface 3/4" Nap Roller PA-568*.

SPRAY: Equipment should be capable of maintaining a minimum of 0.023" to 0.027" orifice tips with 2,300 psi at the tip.

Mixing: Always mix thoroughly before application.

Cleanup: Clean all equipment immediately after use with warm soapy water. Fully flush all spray equipment with this solution.

Precaution: Dry time and cure are affected by temperature and humidity. Do not apply when air, surface, or product temperature are below 50°F (10°C), as cure will be retarded. Below 50°F (10°C), product requires six to seven days to attain full cure. The problem is that prior to reaching full cure, it is susceptible to moisture entrapment and blistering if rained upon. For this reason, it should not be applied if the surface temperature or daily low temperature is forecasted to be below 50°F (10°C). At temperatures above 100°F (37°C) application properties will be affected. Avoid painting late in the day when dew or condensation are likely to form or when rain threatens. *LANCO® Seal Coat™* should be applied at high film builds and as such is moisture sensitive in its early stages of drying. Plan ahead to prevent moisture entrapment and potential film blistering prior to adequate ultraviolet cure. *LANCO® Seal Coat™* should be allowed to dry at least eight hours before first exposure to rain.

Caution: Do not take internally. Close container after each use. Keep out of 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.