



TECHNICAL DATA SHEET

SUPER SHEEN™

100% STYRENE ACRYLIC ELASTOMERIC EGGSHELL ENAMEL (Meets Federal Specification TT-C-555B)

PRODUCT

DESCRIPTION: An extra-premium quality, 100% styrene/acrylic elastomeric wall coating with excellent flexibility and durability. Due to its superior flexibility properties (410% elongation), *LANCO® Super Sheen™* allows for expansion in concrete and masonry exterior walls, bridges small cracks, and covers minor surface defects; when two coats are applied, it is resistant to wind-driven rain (Section 3.3, System I of Federal Specification TT-C-555B).

BASIC USES:

A high-build exterior finish for industrial, commercial and residential use on concrete, unglazed brick, stucco, open-texture block and properly prepared wood or steel.

PRODUCT

ADVANTAGES:

- * 410 % elongation
- * Variety of colors
- * Durable and tough
- * Chalk resistant
- * Will not peel or blister
- * 215 psi tensile strength
- * Easy to clean
- * Excellent color retention
- * Mildew and stain resistant
- * Alkali resistant

COLORS:

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

TECHNICAL DATA

Percent Solids:	60 ± 1% by weight 45 ± 1% by volume	Finish:	Satin (15°-20°)* *Geometry 60°
Weight / Gallon:	11.45 ± 0.5 lbs.	Viscosity:	105-110 Ku's
Flash Point:	Non-flammable	Tensile Strength:	200 psi (ASTM D412)
Drying Time:	To touch: 1 hour To recoat: 5 hours	Elongation:	410% (ASTM D412)
Recommended Film Thickness:	2 mils dry, 4 mils wet	Theoretical Coverage:	450 sq. ft./gal.
Percent Pigment by Weight:	37.00 ± 1%	Sizes:	5 gallons 1 gallon
Thinning:	Not normally recommended, but if necessary, add water up to 1/2 pint per gallon.		

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.

Cracks: Fill all cracks prior to painting, with *LANCO® Siliconizer Elastomeric Crack Filler™ RC-230*. Treatment of cracks is required in order to obtain structural water-resistant protection and to help prevent further cracking and deterioration. Methods of treatment depend upon the size of the crack, as follows:

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® Super Sheen™* once appropriate surface preparation has been completed.

HAIRLINE DEEP CRACKS, which are thin cracks that extend to a significant depth through the substrate. Remove all mildew, dust and dirt from surrounding areas and within the cracks before painting or sealing. Prime with alkali-resistant *LANCO® Acrylic Wall and Roof Primer/Sealer AS-210*, making sure penetration into the crack is thorough. (Primer should overflow around the crack about two inches.) After recommended drying time, apply *LANCO® Siliconizer Elastomeric Crack Filler™ RC-230* with a putty knife over hairline cracks.

CRACKS UP TO 1/16": Apply *LANCO® Acrylic Wall and Roof 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* forcing it into the crack and two inches to each side of it by using a brush, putty knife or trowel and smoothing the edges around the crack and over the primer area. (When filling the crack, allow for some shrinkage of the sealant.)

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

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

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

STUCCO: A variable substrate varying with mixture, application method and material ratios when applied, should be cured a minimum of thirty days before application. *LANCO® Super Sheen™* 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 per 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 surface 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 nylon or polyester brush.

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

SPRAY: Use an equipment capable of maintaining a minimum of 0.023" to 0.027" orifice tips with 2,300 psi at the tip.

Mixing: Always mix before application.

Cleanup: Clean all equipment immediately after use with warm soapy water. Completely 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, because 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 (38°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® Super Sheen™* 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® Super Sheen™* should be allowed to dry at least eight hours before exposure to rain.

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