



NEOPRENE™

NP-650

ELASTOMERIC COATING

PRODUCT

DESCRIPTION: A fluid-applied waterproofing coating that cures rapidly to a seamless rubber membrane. This coating is designed to be part of a liquid waterproofing system, and must be protected by at least one additional coat: *Hypalon™* (Part B).

BASIC USES: For protecting a wide assortment of roofing substrates that are structurally sound such as conventional bituminous built-up roofs, polyurethane foam, galvanized steel, concrete and asphalt shingles.

PRODUCT

ADVANTAGES:

- * Excellent adhesion
- * High elongation
- * Lightweight
- * 400% Elongation
- * Long durability
- * Easily repaired
- * Versatile
- * 100% recovery

TECHNICAL DATA

Percent Solids:	23.00 ± 1% by weight 17.00 ± 1% by volume	Finish:	Flat
Weight / Gallon:	7.66 ± .05 lbs.	Viscosity:	2,200 –2,400 cps.
Color:	Black	Percent Pigment by Weight:	6.00 ± 1%
Flash Point:	45°F TCC	Elongation:	400%
Drying Time:	To touch: 2 hours To recoat: 24 hours	Theoretical Coverage:	33 sq. ft./ gal.
Sizes:	5 gallons	Tensile Strength:	800 psi.
Recommended Film Thickness @ 33 sq. ft. / gal:	0.5 mils dry, 2 mils wet.	Thinning:	Do not thin.

Surface Preparation:

New Surfaces: All surfaces to receive the coating must be clean, dry, fully cured and free of all contaminants such as: dust, dirt, mastic, oil, grease and other foreign deposits. All porous surfaces such as concrete, plaster, insulation board, plywood, etc., must be checked with a Delmhorst meter. The reading must be in the green (*Dry*) range on the appropriate scale of the meter before the surface may be coated. The moisture test must be made on the surface and at least 1/4" below. All plywood decks and insulation board shall be primed with *Neoprene*TM either before or immediately after erection. All voids, surface imperfections, cracks and seams over 1/64" wide must be filled with *LANCO*[®] *Siliconizer Elastomeric Crack Filler*TM *RC-230* and allowed to cure 24 hours before the application of *Neoprene*TM. Expansion joints must be covered with *Neoprene*TM sheeting or filled with *LANCO*[®] *SiliconFlex White Caulk*TM *CC-767*, let dry 24 hours. These materials must be installed in accordance with *LANCO*'s specifications.

Previously Coated Surfaces: Before coating existing surfaces, they must meet the same conditions as new surfaces. In addition, all previously coated surfaces must be tested for compatibility. Coat a small area with the proposed coating system and examine that test area for lifting, peeling staining or other evidence of incompatibility one week after application.

Application: *Neoprene*TM may be applied with a paint brush, roofer's brush, or use *LANCO*[®] *Adhesive Roller PA-571* or heavy mastic spray equipment. For suction feed, use a DeVilbiss MBC gun with an "E" tip and needle and 30 air cap or equivalent at 40–45 psi atomizing pressure. For pressure feed, use a DeVilbiss MBC gun with an "E" tip and needle and 704 air cap or equivalent, at 40–45 psi atomizing pressure and 5–8 psi fluid pressure, 3/8" ID material hose, double-regulated pressure tank with oil and moisture separator.

AIRLESS SPRAY: Minimum of 28:1 ratio pump, .013"-.015" tip, 1/4" ID Teflon material hose.

Note: Do not use brushes to apply the coating over insulation board. When more than one coat of *Neoprene*TM is needed, allow the first one to dry before applying the second coat. (The first coat is dry enough for recoating when it can be walked on without the coating sticking to your shoes; usually one to three days.) Permit at least three days after application of the last coat of *Neoprene*TM before covering with *Hypalon*TM.

Coverage: *Neoprene*TM must be applied to a thickness of 0.5 to 2 mils, depending on the substrate and specifications used. It may be applied in one or more coats but never at a rate of more than 3 gallons per 100 sq. ft. in one coat.

General Information: This product should be stored in cool, shaded areas during hot weather and as close as possible to room temperature during cold weather. Drums exposed to the weather should be stored on their side or covered with a tarpaulin. *Neoprene*TM requires a minimum of stirring; however, it should be stirred thoroughly before use. The deck should be protected from all traffic during and after the application of the coating. If heavy traffic is expected or storage of material on the deck is anticipated, protection boards should be placed on the deck.

Caution: Keep away from heat and open flame. Do not take internally. If swallowed, do not induce vomiting. Call physician immediately. Avoid prolonged contact with skin and breathing of vapor. Close container after each use. Use with adequate ventilation. Keep out of reach of children.

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.