

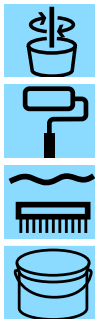


# TECHNICAL DATA

COATINGS SEALANTS MEMBRANES POLYUREAS EPOXIES PRIMERS

## ELASTO-DECK 6500 VT

ALIPHATIC, 100% SOLIDS, ZERO VOC, TRAFFIC DECK COATING



### PRODUCT DESCRIPTION:

**ELASTO-DECK 6500 VT** is a liquid-applied, two component, aliphatic, 100% solids, Zero VOC, flexible, virtually no odor, elastomeric polyurea, traffic coating system for parking deck surfaces. .

### MANUFACTURER:

PACIFIC POLYMERS INTERNATIONAL, INC.  
12271 Monarch Street  
Garden Grove, CA 92841 USA  
714/898-0025 FAX (714) 898-5687  
<http://www.pacpoly.com>

### BASIC USES:

For waterproofing walking decks, balconies plazas, parking decks, mechanical room floors, etc. Designed for pedestrian and vehicular traffic.

### LIMITATIONS:

All surfaces must be completely free of foreign matter and primed with ELASTO-POXY PRIMER (Zero VOC), where necessary. ELASTO-DECK 6500 VT has a relatively short work life, so once it is mixed, the coating must be poured onto surface and applied immediately.

### MAINTENANCE:

Since, as with all deck coatings, the topcoat is subject to staining by such foreign matter as nitrates, fertilizers, hard water, and other substances, it must be maintained. Please refer to the Maintenance Manual for proper maintenance procedures. The manufacturer is not liable for staining caused by hard water deposits, nitrates, fertilizers and other foreign matter. If ELASTO-DECK 6500 VT is damaged, it can be repaired by cleaning the surface with Acetone and recoating it with the ELASTO-DECK 6500 VT system.

### WARNINGS AND HAZARDS:

Before using the products, always refer to MSDS for important warnings and safety information. Use only in areas with adequate ventilation. Avoid breathing vapors. Keep away from heat and flame. Avoid contact with eyes and skin. In the event of skin contact, remove immediately and wash with warm, soapy water. Wear suitable eye protection. Always wash hands before eating.

### INSTALLATION

#### SURFACE PREPARATION:

All surfaces which are to receive ELASTO-DECK 6500 VT shall be free of contamination such as water, curing compounds, hardeners, bond breakers, paint, etc. A light broom finish is recommended for concrete surfaces. It is desirable to watercure concrete in lieu of curing compounds. Contaminants should be removed by sandblasting or beadblasting.

Except for non-moving shrinkage cracks, all other cracks must be sealed with ELASTO-DECK 6500 VT and taped with 4" Tietex. All surfaces, where necessary, must be primed with ELASTO-POXY PRIMER (Zero VOC) prior to application of the coating system at a rate of 200-250 square feet per gallon.

#### APPLICATION:

Lightly stir the A-Component (pigmented side) for 2-3 minutes using a jiffy mixing blade to evenly distribute the pigments that may have settled to the bottom of the container. Then pour "B" Component (clear side) into the "A" Component. Scrape the container to drain all the "B" Component into the "A" Component. Mix thoroughly using a jiffy mixing blade attached to a low speed drill to a uniform color without any streaks. Mix for 2-3 minutes. Once mixed, immediately pour ELASTO-DECK 6500 VT onto the surface of the substrate. Use squeegee to evenly apply the material, then backroll using a roller to break air bubbles. Note: Higher temperatures will reduce the work life. ELASTO-DECK 6500 VT shall be applied to the primed concrete at a rate of 80 square feet per gallon. Following a 24 hour cure time of the ELASTO-DECK 6500 VT, apply the ELASTO-DECK 6500 VT at the rate of 80 square feet per gallon and while coating is in a fluid condition, broadcast desired aggregate at the rate of refusal. After a 24 hour cure, sweep off all loose aggregate and apply ELASTO-DECK 6500 VT at a rate of 80 square feet per gallon.

Allow a minimum of 72 hours curetime before allowing any heavy traffic on the finished system.

**COLORS:** Concrete Grey and Tan. Custom matched colors are available with minimum required quantities.

**SIZES:** Available in 1.5 gallon kits, 4.5 gallon kits.



## AVAILABILITY AND COST:

ELASTO-DECK 6500 VT is supplied through building material dealers. Prices vary with quantity and packaging. Quotations are made on request. All materials shall be delivered to the jobsite in unopened containers clearly marked and labeled. A minimum order shall be required for delivery on jobsite. These products are designed and manufactured to be installed by professional installers familiar with surface preparation and application procedures. All others should consult a professional installer; those who choose to install these products without professional assistance do so at their own risk.

## TECHNICAL SERVICES:

All of the latest updates to product data and specifications are available at the company website. Since product data and specifications change, it is the users responsibility to make certain the most current versions of product data and specifications are being used.

## PRODUCT WARRANTY:

Satisfactory results depend not only upon quality products but also upon factors beyond our control; methods of appli-

cation and site conditions are examples of such factors and can affect product performance. This warranty consequently extends only to products installed in strict accordance with the manufacturer's specifications. It is the users responsibility to satisfy himself, by his own information and tests, of the suitability of the product for his own intended use; user assumes all risk and liability resulting from his use of the product. The substrate to which the product is applied must be sound structurally and otherwise. Structural or substrate failures or imperfections resulting in damage to or failure of the product are not covered by this warranty. Since the use of the product is beyond the control of the manufacturer, the manufacturer assumes no liability for misapplication and misuse of the product. This warranty does not cover consequential damages, nor does it cover the labor attendant to replacing product in the event of a product failure. The warranty only extends to replacement of the product itself. All products proven to be defective in manufacture will be replaced at no charge. Since the use of these products is beyond our control we cannot assume any risk or liability for results obtained, nor can we accept damage in excess of the purchase price of these products.

PROPERTY	TEST METHOD	RESULTS
Pot Life (@ 75°F)		20 minutes
Cure Time (@ 75°F)		48 hours minimum
Viscosity at 77°F (25°C)	Brookfield Viscometer	35 ± 5 poise
Weight per gallon		
A-Component		10.50 pounds
B-Component		8.60 pounds
Percent Solids Content	ASTM D-2369	100 % (by weight) 100 % (by volume)
Hardness (Shore A)	ASTM D-2240	80A
Tensile Strength	ASTM D-412	3000 psi ± 10%
Percent Elongation	ASTM D-412	300% ± 10%
Adhesive Peel Strength on Primed Concrete	ASTM D-903	35 pli cohesive failure
Water Absorption	ASTM D-471	1.2% by weight
Moisture Vapor Transmission	ASTM E-96	3.9 perms
Abrasion Resistance	ASTM D-4060	2 mg. wt. loss
30 dry mil film on 4"x4" metal, C-17 wheel, 1000 rev., 1000 gr. weight		
Tear Resistance	ASTM D-624	280 pli ± 10%
V.O.C. Content		0 grams/litre
U.V. Stability	Q Panel Weather-O-Meter	2000 hrs. No discoloration No physical damages
Shelf Life		6 months

(when stored indoors in cool and dry location at 77°F (25°C) in unopened containers)