



PACIFIC POLYMERS

ELASTO-DECK 6500

TWO COMPONENT ALIPHATIC, HIGH SOLIDS, LOW ODOR, DECK COATING SYSTEM

1. PRODUCT NAME

ELASTO-DECK 6500

ELASTO-DECK 6500 is two component, aliphatic, high solids, low odor elastomeric traffic coating system for walking or parking decks.

mixed; the coating must be poured onto surface and applied immediately. Not suggested to use for harsh chemical exposure.

Colors: Concrete Grey, Tan, White
Custom matched colors may be requested with minimum required quantities.

Sizes: Available in 1.5 gallon kits, 4.5 gallon kits.

2. MANUFACTURER

ER SYSTEMS (An ITW Company)
12271 Monarch Street
Garden Grove, CA 92841
Tel: 1-800-888-8340
Fax: 714-898-5687

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.

3. PRODUCT DESCRIPTION

Composition: Liquid applied, two-component, flexible, low odor, polyurea deck coating.

Basic Uses:

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

4. TECHNICAL DATA

(See chart on Page 3)

Advantages:

- High Resistance to abrasion.
- Resistant to UV Light and yellowing.
- Dirt Resistant
- Easy to maintain.
- Durable and Flexible Coating.
- Provides very good impact resistance.
- Excellent Weathering.
- Easy to clean with detergent and water.
- Fast Drying

5. INSTALLATION

Surface Preparation:

- All surfaces which are to receive **ELASTO-DECK 6500** 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 water-cure concrete in lieu of curing compounds.
- Contaminants should be removed by sandblasting or acid-etching. If etching is used, allow adequate time for surface to dry.
- Except for non-moving shrinkage cracks, all other cracks must be sealed with **ELASTO-THANE**

Limitations: All surfaces must be completely free of foreign matter and primed with **ELASTO-POXY PRIMER WATERBASED**, where necessary. **ELASTO-DECK 6500** has a very short work life, so once it is

230MP, a single-component, moisture-cured, polyurethane sealant available at ER SYSTEMS.

- All surfaces, where necessary, must be primed with **ELASTO-POXY PRIMER** prior to application of the coating system at a rate of 250-350 square feet per gallon (7.4 – 8.6 m²/liter).

Application:

- Material will perform best when applied between 70^oF and 80^oF.
- Lightly stir the A-Component (pigmented side) for 1-3 minutes using a jiffy mixing blade to evenly distribute the pigments that may have settled to the bottom of the container.
- Pour “B” Component (clear side) into the “A” Component. Scrape the container to drain all the “B” Component into the “A” Component.
- Immediately mix thoroughly using a jiffy mixing blade attached to a low speed drill (400 – 500 rpm speed) to a uniform color without any streaks. Mix for 2-3 minutes.
- Once mixed, immediately pour **ELASTO-DECK 6500** onto the surface of the substrate. Use squeegee to evenly apply the material, then back-roll using a roller to break air bubbles.
- Note: Higher temperatures will reduce the work life.
- Use of a spiked roller during application can reduce pinholes and bubbles.
- **ELASTO-DECK 6500 PT-Pedestrian Traffic** 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**, apply the **ELASTO-DECK 6500** at the rate of 80 square feet per gallon and while coating is in a fluid condition, broadcast desired aggregate at the rate of 15-18 pounds per 100 square feet and back-roll to ensure even distribution of the aggregate.
- **ELASTO-DECK 6500 VT-Vehicular Traffic** 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**, apply the **ELASTO-DECK 6500** at the rate of 80 square feet per gallon and while coating is in a fluid condition, broadcast desired aggregate to refusal.
- **Turn Radius and Ramp areas** will receive an additional broadcast coat at the rate of 80 square feet per gallon and while coating is in a fluid condition, broadcast desired aggregate to refusal.
- Following a 24 hour cure time of the **ELASTO-DECK 6500**, apply the **ELASTO-DECK 6500** at the rate of 80 square feet per gallon over broadcast aggregate.

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

6. AVAILABILITY AND COST

ELASTO-DECK 6500 is supplied through building material dealers.

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.

7. PRODUCT WARRANTY

Satisfactory results depend not only upon quality products but also upon factors beyond our control; methods of application 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 user's 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 accept damage in excess of the purchase price of these products.

8. 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** is damaged, it can be repaired by cleaning the surface with suitable solvent such as acetone and recoating it with the **ELASTO-DECK 6500** system. Use of primer is required in most applications following cleaning the surface. Consult Pacific Polymers Technical Representative. Note: States other than California may allow use of alternate solvents for cleaning.

9. TECHNICAL SERVICES

All of the latest updates to product data and specifications are available at www.pacpoly.com.

Since product data and specifications change, it is the user's responsibility to make certain the most current versions of product data and specifications are being used.

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Technical assistance can be obtained by contacting:

4. TECHNICAL DATA- ELASTO-DECK 6500

PROPERTY	TEST METHOD	RESULTS
Pot Life (@ 75°F)		25 ± 5 minutes
Tack-Free Time (@ 75°F, 55% RH)		2 hours
Re-Coat Time (@ 75°F, 55% RH)		16 – 24 hours
Cure Time (@ 75°F, 50% RH)		72 hours
Mix Ratio		10:1 volume
Viscosity at 77°F (25°C)	Brookfield Viscometer	40 ± 5 poise
Weight per gallon A-Component B-Component	---	9.50 ± 0.2 pounds 7.85 ± 0.2 pounds
Percent Solids Content	ASTM D-2369	≥ 98%
Hardness (Shore A/D)	ASTM D-2240	90A – 95A (40D)
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
Bond Strength (elcometer)	ASTM D-4541	> 400 psi (concrete failure)
Water Absorption	ASTM D-570	1.14% by weight
Moisture Vapor Transmission	ASTM E-96	1 perm
Abrasion Resistance (CS-17 wheel, 1000 rev., 1000 gram load)	ASTM D-4060	0.144mg wt. loss
Falling Sand Abrasion Wt. loss on 383 pounds Sand Fall	ASTM D 968	0.143 grams
Tear Resistance	ASTM D-624	280 pli ± 10%
V.O.C. Content		< 25 grams/liter

U.V. Stability Q Panel Weather-O-Meter 2000 hrs.
No discoloration
No physical damages

Chemical Resistance ASTM D-2299 No Effect

[Industrial Detergent Solution (20% vol), Ammonium Solution (5% vol), Salt Solution (20% vol)
Muriatic Acid (10% vol), Chlorine Solution (10% vol), Ethylene Glycol/Anti-Freeze, Kerosene
Turpentine, Paint Thinner, Motor Oil]