PACIFIC POLYMERS

ELASTO-GLAZE 6001AL (VOC)

ALIPHATIC POLYURETHANE COATING

1. **PRODUCT NAME**

ELASTO-GLAZE 6001AL

ELASTO-GLAZE 6001AL is a liquid applied, single-component, moisture cured, SCAQMD compliant aliphatic polyurethane coating.

2. **MANUFACTURER**

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

3. **PRODUCT DESCRIPTION**

Composition: **ELASTO-GLAZE 6001AL** is a moisture-cured, liquid applied, polyurethane, based on Aliphatic Isocyanates in combination with additives and pigments to produce a UV and wear resistant, protective and decorative floor coating, for interior and exterior applications. **ELASTO-GLAZE 6001AL** meets SCAQMD (South Coast Air Quality Management District) VOC content of 100 gram per liter minus exempt solvent.

Basic Uses: **ELASTO-GLAZE 6001AL** is primarily used as the Ultraviolet protective top coat of the ELASTO-DECK 5000 deck coating systems.

Limitations: Containers that have been opened must be used up within one or two days as **ELASTO-GLAZE 6001AL** is a moisture-reactive material. All surfaces to be coated must be completely free of foreign matter and completely dry. Do not apply the product if the atmospheric temperature is above 90°F. Do not apply if surface is wet and if rain or dew is on forecast.

Standard Colors: Clear, Concrete Grey and Tan.

Standard Packaging: Available in 1 gallon cans and 5 gallon pails.

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. KEEP AWAY FROM CHILDREN AND PETS.

4. **TECHNICAL DATA**

(See reverse side for technical data.)

5. **INSTALLATION**

Application: **ELASTO-GLAZE 6001AL** may be applied by all conventional means including spray equipment, rollers, and brushes. Refer to the appropriate data sheet of the desired ELASTO-DECK 5000 system for the application rate of **ELASTO-GLAZE 6001AL.** A fine dry and clean aggregate must be incorporated into the system to provide a slip resistant surface. Monterrey Sand is preferred over white silica sand. **ELASTO-GLAZE 6001AL** must not be applied at wet film thickness greater than 15-mils. Coverage Rate to achieve 15-mil WFT is 115 to 120 sq.ft. per gallon. Allow a minimum of 48 hour final cure time before coating is exposed to normal traffic.

6. **AVAILABILITY AND COST**

ELASTO-GLAZE 6001AL 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

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 damages in excess of the purchase price of these products.

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.

8. MAINTENANCE

If **ELASTO-GLAZE 6001AL** is damaged, it can be repaired by cleaning the surface with an exempt solvent (Acetone as an example) primer with **ICAP(Inter-coat adhesion primer)** or **ELASTO-POXY Primer VOC** and recoating it with **ELASTO-GLAZE 6001AL** system. A test patch should be suggested.

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.

Technical assistance can be obtained by contacting:

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

4. TECHNICAL DATA – ELASTO-GLAZE 6001AL

PROPERTY	TEST METHOD	RESULTS
Viscosity (@77°F (25°C)	Brookfield Viscometer	30 ± 5 poise
Weight Per Gallon (pounds)		9.45 – 9.90
Solid Content (%)	ASTM D 2369	
Weight %		80 ± 2
Volume %		78 ± 2
VOC Content (grams per liter minus exempt solvent)		100 grams
Hardness (Durometer)	ASTM D 2240	95A (40D)
Tensile Strength (psi)	ASTM D 412	2780 ± 10%
Elongation (%)	ASTM D 412	200 ± 10%
Peel Strength on Plywood	ASTM D 903	N/A
Water Absorption	ASTM D570	1.52%
Moisture Vapor Transmission	ASTM E 96	N/A
Tear Strength (lb/in)	ASTM D 624	280
Abrasion Resistance (1000 cycles, 1000 gram weight)	ASTM D 4060	0.1545 grams (CS 17 wheel)
Shelf Life (unopened Containers @ 77°F/50% RH)		6-months
Weather-o-Meter	ASTM D1499	2000 hours No crazing, cracking, Spalling or softening
Chemical Resistance	ASTM D 2299	No cracks, spalls, nor softening

Chemicals Tested:

Industrial Detergent Solution (20% Vol.)
Ammonia Solution (5% by Vol.)
Salt Solution (20% by Vol.)
Muriatic Acid (10% by Vol.)
Chlorine Solution (10% by Vol.)
Ethylene Glycol Anti-Freeze
Kerosene, Turpentine, Paint Thinner

Temperature Service Range -50° F to +180° F (-45°C to +82.2°C)