



PACIFIC POLYMERS **ELASTO-GLAZE CRU**

TWO COMPONENT, VOC COMPLIANT, LIQUID APPLIED, ALIPHATIC POLYURETHANE COATING

1. PRODUCT NAME

ELASTO-GLAZE CRU is a liquid applied two component, VOC compliant Solvent Based 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 CRU is an Aliphatic Polyurethane Coating that provides excellent resistance to UV Light and Abrasion. The product is designed to apply on over epoxy floor system to improve high-gloss retention and long-term wear resistance. The product can be applied as a dust proofing sealer on concrete floors. When applied on concrete floors, dusting is eliminated and the floor is easily cleaned by detergent and water, as dirt and oils are prevented from penetrating the concrete. **ELASTO-GLAZE CRU** could also be suggested as anti-graffiti coating and could be used in locations such as Air-Fields, Industrial plants, stores, and other locations where surfaces must withstand heavy use of foot traffic.

Advantages:

- High Resistance to abrasion.

- Resistant to UV Light and yellowing.
- Easy to maintain.
- Hard but Flexible film.
- Convenient Volume Mixing Ratio of 1:1.
- Provides very good impact resistance.
- Good chemical resistance.
- Good against staining.
- Good weathering.
- Easy to clean with detergent and water.
- **VOC Compliant (SCAQMD)→ 100gr/liter (minus exempt solvent)**

Limitations: Containers that are opened must be used immediately. Avoid moisture contamination. ELASTO-GLAZE CRU should always be tested on substrate prior to any application to assure desired result. Protect all areas that are not to be coated such as glass, walls, and plants from overspray and splashing. Remove material that has splashed on surface immediately with acetone before it gets dried. Dried material will be difficult to remove.

Color: Clear

Packaging Size: 1.5 gallon kit

Surface Preparation: All surfaces must be clean, sound and dry. Remove dust, grease, curing compounds, laitance, waxes and other contaminants that may cause poor adhesion. All projections,

rough spots, cracks, etc. should be dressed off to achieve a level surface prior to application. Concrete should be cleaned and prepared to get laitance and contaminants free. Surface should be blast cleaned or through equal mechanical means. Avoid acid etching if the coating is used directly on the concrete. The substrate surface must be dried prior to application to avoid any film defects. Wet substrate will cause film defects. Solvent based **ELASTO-POXY Primer (VOC)** should be used if **ELASTO-GLAZE CRU** is used as dust-proofing sealer. In case of metal surface, all oxidation must be removed and primed with metal primer.

Application: Condition the components between 70°F and 85°F before using. **ELASTO-GLAZE CRU** may be applied by all conventional means including spray equipment, roller and brushes. Use short-nap ¼ inch roller. The coating can be squeegee applied followed by back-roll. The recommendation application rate of **ELASTO-GLAZE CRU** is two coats minimum at 200 - 250 sq.ft per coat. Allow a minimum of 16 to 24 hours between coats. Allow a minimum of 4 to 7 days for heavy traffic to avoid tire stains. Light foot traffic may be done after 2 days.

Availability and Cost

Elasto-Glaze CRU is supplied through building material dealers. Major contractors are supplied directly from Pacific Polymers, Prices may vary with quantity and packaging. Quotations are made upon request. 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.

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 assume any risk or liability for results obtained, nor can we accept damages in excess of the purchase price of these products.

MAINTENANCE

If **ELASTO-GLAZE CRU** is damaged, it can be repaired by sanding the surface first, followed by wiping with acetone and recoating with **ELASTO-GLAZE CRU**. An adhesion test may require with and without an intercoat adhesion primer.

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:

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TECHNICAL DATA

Coverage Rate	200 – 250 sq.ft per gallon yields 4 mil DFT
Shelf Life	1 year in original, unopened containers. Store dry at 40°F to 90°F. Condition the components between 70°F to 85°F before using.
Mix Ratio (A:B)	1:1 by volume
Solid Content (%)	Weight Volume
	60 +/- 2% 62 +/- 2%
Viscosity (poise @ 75 °F +/- 2 °F)	4 +/- 2
Pot Life (@ 75 °F +/- 2 °F)	40 +/- 5 minutes
Tackfree Time (@ 75 °F +/- 2 °F)	4 hours
Recoat Time (@ 75 °F +/- 2 °F)	24 hours
Light Traffic (@ 75 °F +/- 2 °F)	48 – 72 hours
Heavy Traffic (@ 75 °F +/- 2 °F)	4 - 7-days
VOC (grams per liter)	100 (minus exempt solvent)
Chemical Resistance: (Spot test, 7-days @ 76°F +/- 2°F and 50% +/- 5% RH)	

<u>Chemical Reagent</u>	<u>Result</u>
Bleach Solution (5.25% conc. Solution)	No Effect
Beer/Wine	No Effect
Brake Fluid	Slight softening observed, no stain, film gains strength after cleaning
Bleach (5.25% solution)	no effect, some solution dried around the glass edges to white powder.
Gatorade	stain observed, film ok
Vegetable Oil	no effect
Anti-Freeze Coolant	no effect, no stain
Wash Detergent	no effect
Diesel Fuel	no effect, no stain
Unleaded Gasoline	short term spot test (16 hours) has no effect. Continuous exposure softens the film that will harden after evaporation of gasoline but will have slight yellowish stain.
TSP solution (1 part to 3parts vol)	no effect, some edge drying to white powder, no softening
Vinegar (3% Acetic Acid)	no effect

<u>Chemical Reagent</u>	<u>Result</u>
409 cleaner	no effect
Windex	no effect
Coffee	no effect
Motor Oil	no effect
Transmission Oil	no effect
Hydraulic Oil	no effect
20% Detergent Solution	no effect
5% Ammonia Solution	no effect
20% Salt Solution	no effect
Kerosene	no effect
Paint Thinner	no effect
Distill Water	no effect
5% Acetic Acid	no effect
5% Sulfuric Acid	no effect
10% Sulfuric Acid	no effect
10% Hydrochloric Acid	no effect, slight yellowish stain on long term exposure
Seawater	no water
Skydrol	slight discoloration, slight softening
10% Sodium Hydroxide	no effect