



PACIFIC POLYMERS **ELASTO-GLAZE 6001AL-HT**

HIGH TENSILE ALIPHATIC POLYURETHANE

1. **PRODUCT NAME**

ELASTO-GLAZE 6001ALHT

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: A single-component, moisture-cured coating, based on Aliphatic Isocyanates.

Basic Uses: Designed to coat concrete, metal and wood structures for exterior and interior applications. The primary purpose for ELASTO-GLAZE 6001AL-HT is to use as a protective top coat in the **ELASTO-DECK 5000 HT (High Tensile) Deck Coating System**. ELASTO-GLAZE 6001AL-HT provides excellent wear resistance. This coating will prevent dirt and oils from penetrating concrete and, therefore, is easily cleaned by detergent and water. Dusting of concrete floors is eliminated when the surface is sealed with the **ELASTO-GLAZE 6001AL-HT**. ELASTO-GLAZE 6001AL-HT can be suggested to use on concrete floors to hide an unsightly appearance and to provide a reflective, bright appearance which will lighten up a warehouse. **ELASTO-GLAZE 6001AL-HT** is extremely wear resistant compared to conventional paints.

ELASTO-GLAZE 6001AL-HT is non-yellowing and U.V. resistant, and is, therefore, recommended for all exterior uses.

Colors: Concrete Grey.

Sizes: Available in 5-gallon pails.

4. **TECHNICAL DATA** (See Reverse Side)

5. **INSTALLATION**

Surface Preparation: **ELASTO-GLAZE 6001AL-HT** must only be applied to dry and clean surfaces. The concrete floors must be prepared by acid-etching or shot blasting. Other surfaces such as wood, metal or exposed aggregate concrete must be clean, dry, and free of contamination. All metal surfaces must have no oxidation present at the time of application. In most cases a Primer shall be required. Contact technical representative for help. Do not apply coating if it is suppose to rain or if there is morning dew.

Application: **ELASTO-GLAZE 6001AL-HT** may be applied by conventional means including spray equipment, rollers, and brushes. The rate of application range from 100 to 150 sq.ft. per gallon depending on the system being applied. Additional specified coat required to complete the application must be applied after allowing a cure time between 16 to 24 hours. It is important not to wait for more than 24 hours before recoating, if additional coats are desired. Allow 24 hours cure time before the coating is exposed to light foot traffic, 48 hours before light vehicular traffic.

Caution: An appropriate clean and dry aggregate such as aluminum oxide, Monterey Sand, or other suitable skid-resistant material must be added to the final or next to last top coat, in sufficient size and quantity to prevent coating from being slippery.

6. **AVAILABILITY AND COST**

ELASTO-GLAZE 6001AL-HT is supplied through building material dealers.

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 damage in excess of the purchase price of these products.

8. MAINTENANCE

If **ELASTO-GLAZE 6001AL-HT** is damaged, it can be repaired by cleaning the surface with acetone, priming with **ICAP (Inter-Coat Adhesion Primer)** or **ELATO-POXY PRIMER VOC** and recoating it with **ELASTO-GLAZE 6001AL-HT**.

9. TECHNICAL SERVICES

Technical assistance can be obtained by contacting:

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4. TECHNICAL DATA

PROPERTY	MEASURING STANDARDS AND CONDITIONS	ELASTO-GLAZE 6001AL-HT TOP COAT
Weight Per Gallon		9.45 lbs.
Specific Gravity		1.13
Viscosity	Brookfield	30 ± 5 poises
Percent Solids by Weight by Volume	ASTM D-2369	80 +/- 2% 75 +/- 2%
V.O.C.		<= 250 gr./liter
Shore Hardness	ASTM D-2240	95A ± 5A (Shore A) 40D ± 5D (Shore D)
Ultimate Tensile Strength	ASTM D-412	2,800 P.S.I. ± 10%
Ultimate Elongation	ASTM D-412	160 ± 10%
Adhesive Peel Strength on concrete	ASTM D-903	N/A
Peel Strength on Plywood	ASTM D-903	N/A
Crack Bridging	ASTM C-836	System Passes
Abrasion Resistance	ASTM C-501-62T30 mil DFT on 4" x 4" metal CS17 wheel, 1000 rev, 1000 gram weight	0.029
Tear Resistance	ASTM D-624	520 P.L.I. ± 10%
Weatherometer	ASTM D-1499 & G23	2,000 hours No crazing, no cracking, no spalling, no softening.

Flash Point

120°F

Resistance to:

Gasoline

Slight Swelling

Diesel Fuel

No Effect

Anti-Freeze

No Effect

Motor Oil

No Effect

Water

No Effect