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**CS-401      POLYURETHANE ELASTOMERIC TRAFFIC TOPPING -- DECK-70**

1. **Type:** Liquid-applied POLYURETHANE membrane with traffic finish.
2. **Surface:** Prepared concrete or plywood.
3. **Surface Preparation:** All surfaces should be accepted by manufacturer.  
Wood: (Plywood only). Must be well fitted, blocked and screw with exterior galvanized deck screws. Use A-C grade, tongue-and- groove, plugged and sanded, smooth side up, 5/8" minimum thickness plywood. Deflection not to exceed 1/16" on-center at maximum loading.  
Concrete: Remove dirt, oil, laitance and other contamination by acid etch, sandblast, scarification or hot detergent cleaner. Dry completely prior to starting work.

<b>4. Coating System: CS-401 -- Deck-70</b>	<u><b>Dry Film Thickness</b></u>
<b>1st Step:</b> Primer, when required, shall be 210 WETEPOX. Prime entire area, including flashing. ... <b>within 24 hours</b> ...	
<b>2nd Step:</b> Perform all repairs, flashing, caulking and joint treatments in accordance with manufacturer's recommendations and apply <b>Step 3.</b>	
<b>3rd Step:</b> #571 PLASTO-SEAL POLYURETHANE ELASTOMER (Gray). Roll or trowel apply.	20.0 -- 25.0 mils
<b>4th Step:</b> #571 PLASTO-SEAL POLYURETHANE ELASTOMER (Gray). Roll or trowel apply.	20.0 -- 25.0 mils
<b>5th Step:</b> #572 PLASTO-SEAL POLYURETHANE ELASTOMER (Tan). Roll or trowel apply.	15.0 -- 20.0 mils
<b>6th Step:</b> Broadcast selected 30-mesh aggregate into wet elastomeric coat. When cured, remove excess aggregate (See Note #1.)	
<b>7th Step:</b> Surface coat as selected. (See Note #2.)	5.0 -- 10.0 mils
Approximate DFT:	60.0 -- 80.0 mils (Membrane Only)

**Note #1:** Specify mesh size if other than 30-mesh. Available in 30- to 60-mesh Lapis sand. For special size and type aggregates, consult your UPC representative.

- Note #2:** Specify type of color coat. Apply by squeegee, brush or roller.
- A. Use #579 KOLOR-LOK ALIPHATIC POLYURETHANE color coat for the very best color retention and a higher sheen. Available in six colors.
  - B. Use #847 ADVANTAGE ACRYLIC EPOXY LATEX ELASTOMERIC color coat for a long-lasting, low-sheen surface. Available in eight colors.

**5. Application and Cure Requirements**

<u>Application Surface Temperature:</u>	#571 Min. 45° F, Max. 90° F
	#572 Min. 45° F, Max. 90° F
	#579 Min. 45° F, Max. 90° F
	#847 Min. 55° F, Max. 90° F

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<u>Cure Coat:</u>	#571 Min. 24 hours at 70° F, 50% RH, no Max.
	#572 Min. 24 hours at 70° F, 50% RH, no Max.
	#579 Min. 4 hours at 70° F, 50% RH, 18 hours
	#847 Min. 4 hours at 70° F, 50% RH, no Max.

## 6. Use and Performance Characteristics

A fluid-applied weatherproof waterproof coating for decks, balconies, walkways, machine rooms or other spaces where a tough, attractive, traffic-bearing surface is required. Available in fourteen (14) colors with UPC #579 Polyurethane color coat and eight (8) colors in UPC #847 Acrylic Epoxy Latex color coat.

## 7. Maintenance and Repair

DECK-70 and DECK-50 Elastomeric Traffic Toppings are essentially free of maintenance other than sweeping and cleaning. Slight water-straining may occur in low spots if water is permitted to stand and evaporate. If after a period of years of hard service or abuse a refresher coat is needed, apply one coat of #579 KOLOR-LOK ALIPHATIC POLYURETHANE or #847 ADVANTAGE ACRYLIC EPOXY LATEX to restore the original attractive appearance.

## 8. Limitations

Maximum service temperature 150°F. Do not use for immersion. Do not use for sump lining. Do not use for heavy vehicular traffic. Concrete must be clean and dry. Surface must be approved for system by manufacturer.

## 9. Related Deck Systems

UNIVERSAL PROTECTIVE COATINGS manufactures and installs a complete line of waterproof decking systems. See also:

### CS-402 -- POLYURETHANE ELASTOMERIC WATERPROOF SYSTEM (DECK-50)

A lighter version of DECK-70. Use on open balconies, over garages and other less critical areas.

## 10. Safety

Provide adequate ventilation. Wear a chemical-type respirator. Upon contact, wash contaminated skin immediately with soap and water. Launder soiled clothing before re-using. May cause eye and skin irritation.

<p>The information furnished is true and accurate to the best of our knowledge. However, no guarantee of accuracy is given or implied. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products</p>	<p>Rev. 7/08</p>
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**Urethane Shelf Life:  
6 Months Unopened**

**FOR YOUR SAFETY  
RESPIRATOR, GOGGLES AND GLOVES  
REQUIRED**