



# DYC300

## DYCO EPOXY-TITE 1-PART EPOXY ACRYLIC 300 and 310 Data Sheet

### CHARACTERISTICS

DYCO® EPOXY-TITE™ is an interior/exterior waterborne 1-part epoxy to provide a low sheen, protective finish on concrete surfaces. Can be applied to driveways, garages, walkways, patios and pool decks. May also be used on properly primed interior concrete walls, usually found in institutional settings, such as schools and maintenance facilities or on any concrete wall that requires low sheen durability. EPOXY-TITE's durable epoxy acrylic formula resists hot tire pick-up, fading, scuffing and cracking.

### RECOMMENDED USES

- Driveways
- Garages
- Walkways
- Patios
- Pool Decks
- Interior Concrete or Block Walls

### FEATURES/BENEFITS

- Durable, epoxy-acrylic formula.
- Resists hot tire pick-up.
- Superior fade resistance.
- Resistant to scuffing and cracking.

### AVAILABLE COLORS

White and Custom Colors

### RECOMMENDED PRIMERS

Concrete Floors..... 9040  
 Driveways ..... 9040  
 Pool Decks ..... 9040

### SPECIAL NOTES

**NOTE: THIS PRODUCT MUST DRY FOR 8 HOURS BEFORE APPLYING ANY FINISH COAT.** Existing painted surfaces must be cleaned and deglossed. Not recommended for wood decks.

### SLIPPERY WHEN WET

If the surface to be coated is exposed to water from rain, sprinklers, pools or by other means or if the surface is an inclined plane, such as a ramp or if concrete steps are being coated, Dyco recommends mixing SKID GARD #45 at 0.2lbs per gallon. If SKID GARD #45 is not available, see your paint specialist for a recommendation of a suitable aggregate to be used at 0.2lbs per gallon. Stir vigorously to suspend SKID GARD #45 in the container before application.

### FOR ADDITIONAL INFORMATION

See SDS or call toll-free 1-800-282-7901.

### TECHNICAL DATA

Vehicle Type ..... Waterborne Acrylic  
 Finish/Sheen ..... Low  
 Solids by Weight..... 40.16%  
 Solids by Volume ..... 28.48%  
 Viscosity..... 85 ± 2 KU  
 VOC <sup>(less exempt solvents)</sup> ..... 40 g/L.  
 Weight per Gallon ..... 9.94lbs.

### PHYSICAL PROPERTIES

Abrasion Resistance (ASTM D968) ... No Coating Loss  
 Water Vapor Transmission  
 (ASTM D1653 Method DB Condition C) ..... 12 Perms  
 Hot Tire Resistance (ASTM WK14355)..... Pass  
 Salt Spray Resistance  
 (ASTM B117 3,000 Hrs.) ..... Pass  
 QUV Resistance (ASTM D4587 2,000 Hrs.)..... Pass  
 Fungal Resistance (ASTM D3273) ..... Rating 10  
 Freeze Thaw Resistance (AASHTO R31)..... Pass  
 Hardness (SHORE A) ..... 40+

### COVERAGE

225 S.F./Gal.  
 (Actual coverage may vary depending on type of substrate and application method.)

### AVAILABLE BASES

300 Tint Base  
 310 Deep Base

### KEY ATTRIBUTES

Application Temperatures: 50 - 110 °F (10 - 43.33 °C)  
 Application Tools: Roller, or Spray  
 Dry Times: Touch - 4 Hour Recoat – 4 Hour Vehicle Traffic  
 72Hour  
 (Dry Time Based on 77 °F (25 °C), 50% Relative Humidity)  
 Thinner: Do Not Thin  
 Clean Up: Warm Soapy Water  
**NOTE:** Allow 30 Days Curing Before Washing

### PHYSICAL PROPERTIES

Mildew Resistance ..... Excellent  
 Flash Point..... 247 °F (118.33 °C)

### CERTIFICATIONS:

Spec TT-C-555B/ASTM D 6904: Passed  
 GS-11: VOC Compliant in all Regulated Areas





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## DYCO EPOXY-TITE 1-PART EPOXY ACRYLIC 300 and 310 Precautions & Application

**PRECAUTION:** Do not freeze. Wear protective clothing and eyewear during application of this product. Do not transport on passenger seats or inside passenger compartment of any vehicle. Store product in cargo area of vehicle, and secure with protective cloths to prevent accidental spill damage. Do not store at temperature above 100 °F (37 °C). Do not use in drinking water or food systems.

**READ AND FOLLOW ALL DIRECTIONS:** Surfaces must be clean, dry and sound. Contaminants such as dirt, dust, grease, wax, oil, soap film, rust, mold, mildew, bond breakers and curing compounds must be removed before application. Loose, chipping and peeling of previous coating must be removed before application. Repair holes and cracks with an appropriate patching material. Clean surfaces with bleach solution [one (1) part bleach to four (4) parts water] and a stiff bristle brush. If mildew is present, treat with a mildew remover. Rinse with clean water and let dry one (1) to two (2) days before application. Do not apply to damp surfaces or when surface temperature is below 50 °F (10 °C) or above 100 °F (37 °C). Do not apply if rain is prevalent. Do not thin.

**SLIPPERY WHEN WET:** If the surface to be coated is exposed to water from rain, sprinklers, pools or by other means or if the surface is an inclined plane, such as a ramp or if concrete steps are being coated, Dyco recommends mixing SKID GARD #45 at 0.2lbs per gallon. If SKID GARD #45 is not available, see your paint specialist for a recommendation of a suitable aggregate to be used at 0.2lbs per gallon. Stir vigorously to suspend SKID GARD #45 in the container before application.

**PREPARING NEW AND PREVIOUSLY COATED SURFACES:** Allow new exterior concrete to cure a minimum of 30 days and a minimum of 45 days for new interior concrete before application. Pressure cleaning is recommended if possible. Acid etching is not required. For previously coated surfaces, use DYCO TUFF GRIP as a bonding primer.

**TINTING:** Tint appropriate tint bases with approved colorants. Factory-tinted colors cannot be re-tinted unless indicated on label as tintable. When selecting colors, dark colors are better for high traffic areas and light colors are preferable for foot traffic areas such as patios, pool decks and walkways since light colors are cooler.

**APPLICATION:** Apply first coat DYCO #9040 TUFF GRIP Bonding Primer. Allow eight (8) hours before applying the EPOXY-TITE. EPOXY-TITE is a two (2) coat process. Apply first coat evenly with a medium nap roller, brush or airless sprayer. Do not leave puddles or roller marks.

Coverage is 175-225 sq. ft./gal. depending on surface porosity and application method. Allow four (4) hours before applying the second coat. For color uniformity of the finish coat, combine and stir all containers together into one container. For a non-skid surface add DYCO SKID GARD Skid Resistant Texture Additive.

**DRY TIME:** Dries to touch in four (4) hours @ 77 °F (25 °C) and 50% Relative Humidity Ready for recoat in four (4) hours. Ready for foot traffic in three (3) hours and vehicle traffic in 72 hours. Low temperature, high humidity, thick films or poor ventilation will increase these dry times.

**TOOLS & APPLICATORS / CLEANING:** Medium nap roller, brush or airless sprayer. Cleans with soap and water.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### CAUTION!

**HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP CLOSED WHEN NOT IN USE.**

**KEEP OUT OF REACH OF CHILDREN.**

**CALIF. PROP. 65 • WARNING:** This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Use proper protection and adequate ventilation, when using product.

**VOC:** Contains less than 50 g/l max.

VOC calculations based on manufactured tint base. Contact DYCO Paints for actual VOC levels which may or may not be substantially less than stated.

Technical data is true and accurate at date of issuance, but subject to change without notice. Our products conform to Sun Paints & Coating quality standards, but no other warranty or guarantee is expressed or implied. Liability, if any, is limited to replacement of product or purchase price. Labor, cost of labor, or consequential damages is hereby excluded.

Safety Data Sheet available upon request.



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