



DYC315X

DYCO WATER BASED POOL PAINT 3150 and 3151 Data Sheet

CHARACTERISTICS

DYCO® WB POOL PAINT™ is a waterbased pool coating with superior film properties designed to provide an attractive highly resistant finish on concrete, plaster and masonry surfaces with the ability to seal hairline cracks. This product is formulated with Ultraviolet (UV), Infrared (IR) and harsh pool chemical inhibitors for a long lasting finish. WB POOL PAINT has excellent color retention, stain-resistance and protects against fading.

RECOMMENDED USES

- Concrete
- Marcite
- Plaster

FEATURES/BENEFITS

- Excellent Color Retention - Fade Resistance
- Resistant to Peeling, Cracking and Blistering
- Durable in Fresh or Salt Water
- Chemical and Stain Resistant
- Self Priming on Bare Concrete, Plaster or Marcite
- Excellent Waterproof Characteristics

SPECIAL NOTES

DYCO Pool Paint requires a two coat application. For best results, do not thin. Do not apply if heavy dew or rain is expected within 12 hours. Surface must be 100% dry before application. For a non-skid surface, add DYCO Skid Gard #45 skid resistant texture additive. Follow all label instructions for preparation and application of Dyco Pool Paint.

FOR ADDITIONAL INFORMATION

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

TECHNICAL DATA

Vehicle Type Acrylic
 Finish/Sheen Semi-Gloss
 Solids by Weight 54%
 Solids by Volume 42%
 Viscosity 88 KU
 VOC (less exempt solvents) 88 g/L.
 Weight per Gallon 10.44bs.

COVERAGE

250 Sq Ft. /Gal @ 5.25 mils WMT - 2.2 mils DFT
(Actual coverage may vary depending on type of substrate and application method.)

AVAILABLE COLORS

3150 White
3151 Blue

KEY ATTRIBUTES

Application Temperatures: 50 - 110 °F (10 - 43.33 °C)
 Application Tools: Brush, Roller or Airless
 Dry Times: Touch - 1 Hour; Recoat - 8 Hour
 (Dry Time Based on 77 °F (25 °C), 50% Relative Humidity)
 Do not fill pool before paint is cured. Allow a minimum of seven (7) days after the final coat before filling pool.
 Thinner: Do Not Thin
 Clean Up: Soap and Water

PHYSICAL PROPERTIES

Perm <10 Perms
 Tensil Strength 275 PSI
 Flash Point 245 °F (118 °C)





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DYCO WATER BASED POOL PAINT

3150 and 3151 Precautions & Application Guide

FOR USE ON: Concrete and plaster usually found in pools, decks and all masonry surfaces where resistance to water, salt and chemicals are required.

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 temperatures 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. 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.

PREPARING NEW UNCOATED SURFACES: New or previously uncoated concrete surfaces must be cleaned and etched as directed. Cleaning - Remove all foreign contaminations; i.e., oils, grease, stains, mastic, etc. Cleaners for oils, grease and wax must penetrate into the substrate and float the contamination to the surface where it can be washed away. Use four-six (4-6) OZ. Tri-Sodium Phosphate (TSP), or Soilax, per gallon of water. Scrub into the concrete, allow 5-10 minutes. Do not allow cleaning mixture to dry before flushing away with water completely. If cleaning mixture is allowed to dry on surface it will leave a residue that can prevent adhesion, repeat until all embedded oils are removed. Etching - After cleaning, acid etch with Muriatic Acid. This does not clean the concrete, it only opens the surface to obtain proper adhesion. Mix one (1) part acid and three (3) parts water (coverage 300-400 sq. ft./gal. mix). Scrub into the surface with broom and allow to foam. Do not allow acid mixture to dry. Flush completely with water and allow to dry. If a residual powder remains that can be scraped with a knife, repeat etching and rinsing process. Avoid contact with skin. Use goggles and rubber gloves to protect eyes and skin. In case of contact, flush immediately with water.

PREPARING PREVIOUSLY COATED SURFACES: Old paints should be removed by sand blasting. WB POOL PAINT will not give maximum durability if applied over old paint which gives indication of future chipping or peeling. If not, try in several places before painting entire pool. If test indicates no evidence of lifting, peeling, etc. it is reasonably safe to proceed with painting. If removal is found necessary, follow with etching process mentioned above. Then apply WB POOL PAINT as specified.

TINTING: Factory-tinted colors cannot be re-tinted unless indicated on label as tintable.

APPLICATION: MAKE SURE THE POOL SURFACE IS 100% DRY. This is critical. Water trapped under the paint film will eventually result in blistering as vapors try to escape. WB POOL PAINT is a two (2) coat process. Apply each coat as received in pack-

age. Apply each coat evenly with a medium nap roller, brush or airless sprayer. For a non-skid surface add DYCO SKID GARD Skid Resistant Texture Additive. Mix thoroughly to a uniform consistency before use. To obtain best results, be particular with surface preparation. Permit proper drying time and cutting time. First coat coverage is 200-250 sq. ft./gal. Second coat is 300 sq. ft./gal. Actual coverage rates will vary widely depending on surface and application techniques. For color uniformity of the finish coat, combine and stir all containers together into one container. **MOISTURE:** Conduct a moisture test on the concrete surface before applying WB POOL PAINT. Tape an 18" X 18" piece of polyurethane plastic to the surface of the concrete. Apply tape to all four (4) sides of the plastic and allow the plastic to remain in place for 24 hours. Conduct this test in the deepest area of the pool and under same weather conditions as when the POOL PAINT is going to be applied. If water has condensed on the underside of the plastic, the concrete is evaporating moisture at a rate that is not acceptable to paint the concrete. Wait several days and conduct the test again.

Dries to touch in 1 hour @ 77 °F (25 °C) and 50% Relative Humidity Ready for recoat in eight (8) hours. Do not fill pool before paint is cured. Allow a minimum of seven (7) days after final coat before filling pool. 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 water and soap.

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.

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.

CALIFORNIA PROPOSITION 65

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

VOC: Contains less than 90 g/l as supplied.

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.

