



DYC65XX-DYC68XX

SILICONE ACRYLIC OPAQUE CONCRETE WATERPROOF SEALER

6500 - 6830 Data Sheet

CHARACTERISTICS

DYCO SILICONE ACRYLIC is formulated with superior film properties to create a durable, low sheen, protective finish for concrete and masonry surfaces. SILICONE ACRYLIC delivers long lasting concrete surface protection resisting mildew, staining, fading, scuffing and cracking. SILICONE ACRYLIC is also formulated for easy application and dries quickly.

RECOMMENDED USES

- Driveways
- Walkways
- Patios
- Pool Decks
- Masonry Surfaces
- Balconies
- Carports and Parking Garages
- Tennis, Basketball and Other Recreational Surfaces

FEATURES/BENEFITS

- Superior Adhesion to Concrete Surfaces
- Uniform Opaque Low Sheen Finish
- Resists Fading, Cracking and Peeling
- Resists Mildew
- Self Priming
- Fast Drying

SPECIAL NOTES

As a maintenance coat it may be re-applied to itself annually after proper cleaning. Do not apply this product to Bomanite.

FOR ADDITIONAL INFORMATION

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

TECHNICAL DATA

Vehicle Type Silicone Modified Acrylic
 Finish/Sheen Low Lustre
 Solids by Weight 47.68%
 Solids by Volume 31.52%
 Viscosity 54 ± 1 KU
 VOC (less exempt solvents) 573 g/L.
 Weight per Gallon 9.55bs.

COVERAGE

175 to 225 Sq.Ft./Gal.
(Actual coverage may vary depending on type of substrate and application method.)

AVAILABLE COLORS

6500 Bombay	6510 Sandstone
6520 Bison	6530 Terra Cotta
6540 Brick Red	6550 Gull Grey
6560 Pearl Grey	6570 Silver Grey
6580 Summer Green	6600 White
6610 Black	6620 Dove Grey
6630 Charcoal Grey	6640 Clear
6650 Tile Red	6660 Desert Tan
6820 Autumn Brown	6830 Cement

KEY ATTRIBUTES

Application Temperatures: 50 - 110 °F (10 - 43.33 °C)
 Application Tools: Roller or Spray
 Dry Times: Touch - 2 Hours; Recoat – 4 Hours
 (Dry Time Based on 77 °F (25 °C), 50% Relative Humidity)
 Thinner: ES-110
 Clean Up: Xylene

PHYSICAL PROPERTIES

Mildew Resistance Excellent
 Flash Point 80 °F (26.66 °C)





DYC65XX

SILICONE ACRYLIC OPAQUE CONCRETE WATERPROOF SEALER 6500 - 6830 Precautions & Application Guide

FOR USE ON: Driveways, walkways, patios, pool decks, masonry surfaces, balconies, carports and parking garages, as well as tennis, basketball and other recreational surfaces.

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.

SLIPPERY WHEN WET: Dyco recommends mixing SKID GARD #45 at 0.2lb. (3.2oz.) per gallon to the final coat if surface to be coated is a ramp, steps, or inclined plane; or is exposed to water from rain, sprinklers, pools or other means. If SKID GARD #45 is not available see your paint specialist for a recommendation of a suitable aggregate to be used. NOTE: Adding SKID GARD to non-opaque coatings may alter final appearance. Test coating on a hidden area before applying to the entire surface.

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 or expected.

PREPARING NEW AND PREVIOUSLY COATED SURFACES: Allow new exterior concrete to cure a minimum of 30 days before application. For bare, unpainted and untreated surfaces, 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. Pressure wash with clean water and let dry for four (4) days before application. For previously coated concrete surfaces, use DYCO TUFF GRIP (DYC9040) as a bonding primer or acid etch the surface with one (1) part muriatic acid and three (3) parts water. Xylene or TSP (Trisodium Phosphate) can be used in place of muriatic acid solution according to xylene or TSP manufacturer instructions. After etching solution has been applied immediately rinse for at least 20 minutes to neutralize the acid. Then pressure wash with clean water and let dry for four (4) days before application.

TINTING: Tint appropriate tint bases with approved colorants. Factory-tinted colors cannot be re-tinted unless indicated on label as tintable.

APPLICATION: Do not thin. Mix thoroughly before use. SILICONE ACRYLIC is a two (2) coat process. Apply with a brush or roller. Airless sprayer is not recommended. If using a roller, a 3/8" (medium) phenolic core roller cover is recommended. Do not leave puddles or roller marks. Allow four (4) hours before applying the second coat. Coverage is 175-225 sq. ft./gal. depending on surface porosity and application method. For color uniformity of the finish coat combine and stir all containers together into one container.

DRY TIME: Dries to touch in two (2) hours at 77 °F (25 °C) and 50% relative humidity. After second coat surface is ready for foot traffic in six (6) hours and vehicle traffic in 72 hours. Low temperature, high humidity, thick films or poor ventilation will increase these dry times.

TOOLS & APPLICATORS / CLEANING: Brush or 3/8" (medium) phenolic core roller cover. Cleans with xylene.

VOC: Contains less than 600 g/l as supplied.

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

FIRST AID: INGESTION: Contact a physician immediately. **SKIN CONTACT:** Wash thoroughly with soap and water. **EYE CONTACT:** Flush thoroughly with clean, room temperature water and contact a physician immediately.

DANGER! Keep away from heat, sparks, and flame. To avoid breathing vapors or spray mist, open windows and doors or used forced ventilation to ensure entry of fresh air during application and drying. If you experience eye watering, headaches, or dizziness, leave the area or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent.) Avoid contact with skin. Close container after each use.

USE WITH ADEQUATE VENTILATION NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain damage and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

CAUTION!

CONTAINS XYLENE. 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.

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.

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.

Technical data is true and accurate at date of issuance, but subject to change without notice. Our products conform to our 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.



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