



DYC65XX-DYC68XX

SILICONE ACRYLIC OPAQUE CONCRETE WATERPROOF SEALER

6500 - 6830 Data Sheet

CHARACTERISTICS

Dyco Silicone Acrylic is a very durable finish with superior film properties formulated to provide a low sheen, and hard protective finish on unpainted concrete or other porous masonry surfaces. Ideal for long lasting concrete surface protection.

RECOMMENDED USES

- Masonry Pool Decks
- Masonry Patios and Balconies
- Masonry Walkways
- Carport Parking Decks
- Concrete Driveways
- Tennis and Shuffleboard Courts

FEATURES/BENEFITS

- Superior adhesion to bare concrete surfaces
- Uniform Opaque Low Sheen Finish
- Resists Fading, Cracking and Peeling
- Resists Mildew
- Self Priming
- Fast Drying

SPECIAL NOTES

Recommended for application on unpainted, untreated concrete that has cured for at least 30 days. As a maintenance coat it may be re-applied to itself annually after proper cleaning. This product may be slippery when wet, therefore it is recommended to use Dyco #45 Skid Gard to provide a non-slip surface. Do not apply this product to Bomanite. Area to be coated must be well ventilated and the use of a respirator is recommended during use.

FOR ADDITIONAL INFORMATION

See MSDS 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 Gray
6560 Pearl Gray	6570 Silver Gray
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 - 1 Hour; Recoat - 2 Hour
 (Dry Time Based on 77°F (25°C), 50% RH)
 Thinner: ES-110
 Clean Up: Xylene

PHYSICAL PROPERTIES

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





DYC65XX-e

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

PRECAUTION: Do not freeze. Wear protective clothing, gloves and eyewear during application and cleanup 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 (37.77°C). Do not use in drinking water or food systems.

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.

SURFACE PREPARATION: Apply only on unpainted, untreated concrete that has cured for at least 30 days. Area being sealed with this product must be well ventilated. The surface must be clean, dry and free of paint, grease, dirt and mildew. Non-porous concrete requires etching. Etch with one part muriatic acid and 3 parts water. After etching solution has been applied, immediately rinse for at least 20 minutes to neutralize the acid. Allow at least 24 hours for surface to dry completely before applying Silicone Acrylic Sealer. As a maintenance coat it may be re-applied to itself annually after proper cleaning. For previously coated surfaces, clean the area as described above and apply Dyco DY9040 Bonding Primer. Allow the Primer to cure for at least 12 hours before applying the Silicone Acrylic Sealer.

MIXING: Read and follow label instructions before use.

TOOLS: Apply with brush or roller. Roller: Use a 1/4"-3/8" phenolic core roller cover for best results. Two coats are recommended when applying to bare unpainted/untreated concrete. Allow first coat to dry for at least 4 hours before applying finish coat. Airless Sprayer is not recommended for use with this product.

COVERAGE: 175-225 sq. ft. per gallon. Actual coverage may vary depending on porosity of concrete surface.

THINNING: Thin only if required with a maximum of one (1) pint Xylene per gallon. Apply the second coat full strength.

LIMITATIONS: Do not apply in direct sunlight or when air or surface temperature is below 50°F. or above 95°F. Do not apply if temperature is less than 5 degrees above dew point. Keep foot traffic off for at least two (2) hours. Keep vehicle traffic off for 72 hours. Do not apply if surface is damp or if precipitation is expected within 4 hours.

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. CONTAINS ZINC OXIDE. 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.

To avoid breathing vapor, spray mist, or sanding dust, open windows and doors or use other means to ensure fresh air during sanding, application, and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear respiratory protection (NIOSH/MSHA TC 23C or equivalent) or leave area.

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 • CHEMICAL 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.

FIRST AID: If you experience difficulty in breathing, leave area to obtain fresh air. If continued difficulty is experienced, get medical assistance immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention; for skin, wash thoroughly with soap and water. If swallowed, get medical attention immediately.

Material Safety Data Sheet available upon request.



Sun Paints & Coatings / Dyco Paints • 5850 Ulmerton Road • Clearwater, FL 33760
Phone: 1-800-282-7901 • Facsimile: 727.536.0561 • www.SunPaintsAndCoatings.com

F-15
R-1