



# DYCO80XX

## DYCO LOW SHEEN WATERBORNE ACRYLIC CONCRETE STAIN

### TECHNICAL DATA SHEET



#### DESCRIPTION:

**DYCO CONCRETE STAIN** is an interior/ exterior waterborne acrylic solid stain formulated to provide a low sheen, protective finish on concrete and asphalt surfaces usually found in driveways, garages, walkways, patios, pool decks and concrete roof tile.

#### RECOMMENDED USES:

Concrete • Asphalt • Previously Coated Surfaces • Walkways • Patios • Driveways • Athletic Courts

#### FEATURES/BENEFITS:

Exceptional Color Retention – Fade Resistant • Durable Protective Finish • Low Sheen • Resistant to Peeling, Cracking, and Blistering • Hot Tire Resistant • Chemical and Stain Resistant • Self-Priming • Exceptional Adhesion

#### NOTES:

DYCO CONCRETE STAIN requires a two-coat application. **SLIPPERY WHEN WET:** DYCO CONCRETE STAIN can accept an anti-slip aggregate. See your paint specialist for a recommendation of a suitable aggregate to be used and follow manufacturer's instructions for use. Test coating on a hidden area before applying to the entire surface.

- Make sure you have enough material for two full coats at the correct surface coverage rate. Do not stretch the material to cover more square footage than instructed.
- Not recommended for wood, plastic, metal or on new or freshly sealed asphalt.
- For surfaces subjected to vehicular traffic, it is highly recommended to use DYCO DYC22W HIGH GLOSS WATERBORNE ACRYLIC SEALER for maximum protection and stain resistance.
- Conduct a moisture test on substrate before coating.
- Do not apply when surface, material or ambient temperature is below 50°F (10°C) or above 90°F (32.2°C).
- When possible, avoid painting in direct sunlight during the hottest part of the day.
- Application to concrete roof tiles is for decorative purposes only. This product is not designed to stop leaks or act as a waterproofer.
- Do not apply if rain is prevalent or expected within 48 hours.
- Do not freeze. Do not use in drinking water or food systems.

#### TECHNICAL DATA:

Vehicle Type	Acrylic
Finish/Sheen	Low Sheen
Available Colors	8080 Tint Base 8090 Deep Base 8097 Neutral Base
Tinting/Maximum tint amount	8080 Tint Base: 4 oz. 8090 Deep Base: 8 oz. 8097 Neutral Base: 12 oz.
Solids by Weight	34%
Solids by Volume	23%
Viscosity	92-98 KU
Flash Point	247°F (120°C)
Weight per Gallon	9.79 lbs.
Shelf Life	36 months unopened
Coverage	175-350 sq.ft. per gallon @4-9 mils wet (Actual coverage rate may vary depending on substrate and application method)
Surface and Material Temperature During Application	Min: 50°F (10°C) Max: 90°F (32°C)
Drying Time, at 77°F (25°C), 50% RH	To Touch: 2 hours To Recoat: 2-4 hours Light Foot Traffic: 4-6 hours Heavy Foot Traffic: 3-4 hours Low temperature, high humidity, thick films, rain, dew, or poor ventilation will increase these dry times, allow more drying time.
Thinner	Do not thin
Clean-up	Soap and water
Storage Temperature	Min: 40°F (4.4°C) Max: 100°F (38°C)

#### PREPARING NEW UNCOATED CONCRETE SURFACES:

Allow new exterior concrete to cure a minimum of 30 days and a minimum of 45 days for new interior concrete before application. Concrete surfaces must be porous and able to absorb water droplets quickly. Steel troweled, hard, smooth bare concrete must be mechanically abraded, or acid etched prior to coating. New or previously uncoated surfaces must be cleaned and etched as directed before coating. Cleaning - Remove all foreign contaminants, i.e., oils, grease, stains, chemical residue, etc. with a heavy-duty cleaner / degreaser such as TSP. Scrub into the concrete, let the cleaner stand 5-10 minutes before rinsing. Do not allow the cleaning mixture to dry before cleansing away with water. If cleaning mixture is allowed to dry on surface it will leave a residue that can prevent adhesion, repeat until all embedded contaminants 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. Follow the muriatic acid manufacturer's instructions for proper mix ratio, application, dwell time, and neutralizing process. 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. Properly prepared bare concrete should feel like 100-120 grit sandpaper. Additional abrasion or etching may be required to achieve proper profile. Allow the surfaces to dry out over several warm, dry days before applying DYCO CONCRETE STAIN. Prepared concrete must have a pH of 10 or less.

#### PREPARING PREVIOUSLY COATED SURFACES:

Existing loose, scaling, chalking, peeling, or deteriorated coatings must be removed by sand blasting or

VOC: <100 g/L

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### PERSONAL PROTECTIVE EQUIPMENT



EYEWEAR



PROTECTIVE  
CLOTHING



GLOVES



BRUSH



ROLLER



SPRAYER

### APPLICATION TOOLS:

Roller: 3/8" - 1/2" nap, synthetic.

Brush: Nylon, Nylon/Polyester.

Sprayer: Airless unit with a minimum of 2000 psi of pressure, with a 0.015"-0.017" tip.

mechanical abrasion. DYCO CONCRETE STAIN will not give maximum durability if applied over old paint which gives indication of future chipping or peeling. Existing waterbased coatings that are well adhered and in sound condition should be sanded with medium or coarse sandpaper to create a profile for the new coating to adhere to. Vacuum and or wash surface to remove dust and residue from sanding. It is highly recommended to use DYCO 9040 BONDING PRIMER over properly prepared previously painted surfaces. Do not acid etch previously coated surfaces. Repair holes and cracks with an appropriate patching material, following manufacturer's directions for use and coating. Allow surfaces to dry over several warm, dry days before coating. **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).

### PREPARING ASPHALT:

New asphalt should be allowed to cure at least 90 days before coating. Asphalt must be clean and free of contaminants such as dirt, oil, grease, wax, or other contaminants that would interfere with adhesion. Allow surfaces to dry over several warm, dry days before coating. Do not acid etch asphalt.

### MOISTURE TESTING:

It is highly recommended to conduct a moisture test of the surface after preparing and allowed to thoroughly dry out. Conduct this test in several areas and under the same weather conditions as when the DYCO CONCRETE STAIN is going to be applied. Tape an 18"x18" piece of polyurethane plastic to several different areas directly against the concrete. Apply tape to all four (4) sides of the plastic and allow the plastic to remain in place for 24 hours. If water has condensed on the underside of the plastic within 24 hours, the substrate is evaporating moisture at a rate that is not acceptable to apply the stain. Wait several more days and conduct the test again. If moisture is detected again, it is recommended to contact a professional to determine the source of and correct the moisture.

### APPLICATION:

MAKE SURE THE SURFACE IS 100% DRY. This is critical. Water trapped under the paint film will eventually result in blistering as vapors try to escape. DYCO CONCRETE STAIN is a two (2) coat process. Make sure you have enough material for two (2) full coats, following coverage rate recommendations. Mix thoroughly to a uniform consistency and color before use. Apply each coat as received in package, do not thin. Apply each coat evenly with a roller, brush, or airless sprayer. When brushing, rolling, or spraying, it is important to maintain a wet edge during application. When rolling large areas, apply material in one direction avoiding any excessive respreading or over-rolling. When spraying, you must back-roll to push the coating into the surface pores, ensuring an even coat application and achieving proper adhesion. For color uniformity of the finish coat, combine and stir all containers together into one container.

### PRECAUTIONS:

PRECAUTION: Do not handle until all safety precautions have been read and understood.

KEEP OUT OF REACH OF CHILDREN.

FIRST AID: Contains titanium dioxide. If exposed or concerned get medical advice. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. DISPOSAL: Dispose of contents/container to authorized hazardous or special waste collection point and in accordance with applicable local/national/regional/international regulations.

SEE SAFETY DATA SHEET.

**⚠ WARNING:** This product can expose you to chemicals including titanium dioxide, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**WARNING!** Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist. Hazardous dust may be formed when sanded. Do not breathe dust. Use adequate ventilation.

Visit [Dycopaints.com](http://Dycopaints.com) for additional products.



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