



DYC79XX-DYC80XX

TUFF COAT OPAQUE CONCRETE COATING 7910-7930, 8000-8097, and 9000-9010 Data Sheet

CHARACTERISTICS

TUFF COAT Concrete Stain/Enamel is a low VOC water reducible acrylic concrete stain with superior film properties, formulated to provide a low sheen & hard protective finish. There are 13 factory colors and tint bases to make any custom color. Tuff Coat is ideal for its intended uses and easy to apply.

RECOMMENDED USES

- Masonry Pool Decks
- Masonry Patios and Balconies
- Masonry Walkways
- Garage Floors and Carport Parking Decks
- Concrete and Asphalt Driveways
- Concrete Wall Caps

FEATURES/BENEFITS

- Adheres to Bare or Painted Concrete Surfaces
- Unlimited Color Selection
- Fast Drying and Easy to Apply
- Resists Cracking and Peeling
- Resists Mildew
- Resists Fading
- Easy Soap and Water Clean Up

AVAILABLE COLORS

White and Custom Colors

RECOMMENDED PRIMERS

Concrete Floors..... 9040 (8 Hour Cure Required)
 Driveways 9040 (8 Hour Cure Required)
 Pool Decks 9040 (8 Hour Cure Required)

SPECIAL NOTES

NOTE: 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.

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 (less exempt solvents) 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
 Static Co-Efficient of Friction (COF)..... 0.85
 Hardness (SHORE A) 40+

COVERAGE

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

AVAILABLE COLORS

7910 Bombay	7920 Charcoal Grey
7930 Cement	8000 Gulf Grey
8010 Deck Grey	8020 Palm Green
8030 Forrest Green	8040 Sand Beige
8050 Cordova Brown	8060 Terra Cotta
8065 Brick Red	9000 Black
9010 White	

AVAILABLE BASES

8080 Tint Base	8090 Deep Base
8095 Ultra Deep Base	8097 Neutral Base

KEY ATTRIBUTES

Application Temperatures: 50 - 110 °F (10 - 43.33 °C)
 Application Tools: Roller, or Spray
 Dry Times: Touch - 2 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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TUFF COAT OPAQUE CONCRETE COATING

7910-7930, 8000-8097, and 9000-9010 Precautions & Application

FOR USE ON: Concrete and asphalt surfaces usually found in driveways, garages, walkways, patios and pool decks. Not recommended for wood.

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.

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. Acid etching is not required. For best results on previously coated or bare non-porous slick concrete, prime the surface with DYCO 9040 TUFF GRIP.

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: Mix thoroughly before use. TUFF COAT 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. Ready for recoat in four (4) hours. 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. Dries to touch in two (2) hour @ 77 °F (25 °C) and 50% Relative Humidity. Ready for foot traffic in two (2) hours and vehicle traffic in 72 hours. Low temperature, high humidity, thick films or poor ventilation will increase these dry times. Application to concrete roof tiles is for decorative and protective purposes only. This product is not designed to stop leaks in roofs.

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.

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/VOS:** Contains less than 100 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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