



DYC6350

TUFF-PROOF FLEXIBLE CONCRETE WATERPROOFER 6350 Data Sheet

CHARACTERISTICS

Dyco 6350 Tuff-Proof Flexible Concrete Waterproofer, is a flexible and breathable waterproof coating formulated with a unique combination of acrylic resins and mineral aggregate to provide waterproof protection and slip resistance to a variety of "above or on-grade" concrete surfaces. Excellent for use on elevated walkways and balconies, sidewalks, and patios, parapet walls and caps, planters, window sills, window returns, and knee walls. Dyco 6350 Tuff-Proof can be top coated with any color Dyco Tuff-Coat Waterborne Opaque Concrete Stain for maximum durability.

RECOMMENDED USES

- Elevated Concrete Walkways with Reinforcing Fabric Over All Expansion Joints and Existing Cracks
- On Grade Concrete Sidewalks and Patios
- Stucco Knee Walls
- Exterior Planter Walls and Caps
- Concrete Barrier Walls and Wall Caps
- Window Sills and Window Returns
- Balcony Decks and Slab Edges

FEATURES/BENEFITS

- Waterproofs surfaces when applied as directed.
- Vapor permeable for maximum durability.
- Resistant to peeling, cracking and blistering.
- Self priming on bare concrete with pH of 13 or less.
- Slip resistant

SPECIFICATIONS

Apply 2 base coats of Dyco 6350 Tuff-Proof to a bare concrete surface at 10-12 wet mils per coat, to achieve a total of 11-13 dry film thickness. For average foot traffic conditions, top coat with Dyco 8000 Series Tuff-Coat in any color, or clear coat with Dyco C22W Tuff-Glaze. For maximum protection and durability, apply 1 coat of Dyco 7810 Clear Aliphatic Urethane for a Gloss Finish or 1 coat of Dyco 7200 Paver Sealer for a Semi-Gloss Finish.

DESIGN OPTION

A decorative design pattern may be added to the Tuff-Proof base coat of if desired, taping and adding a spatter of various colors of either Tuff-Proof or Tuff-Coat. Finish with 1 coat of Dyco 7200 Paver Sealer for a S/G finish or Dyco 7810 Clear Aliphatic Urethane for a Gloss finish.

RECOMMENDED PRIMERS

Bare Concrete/Masonry Surfaces..... Self Priming
 Bare Concrete Block (CMU) Self Priming
 Previously Painted Decks 9040
 Previously Painted Walls..... 1370/1375

FOR ADDITIONAL INFORMATION

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

TECHNICAL DATA

Vehicle TypeAcrylic
 Finish/SheenLow Sheen Textured
 Solids by Weight.....69%
 Solids by Volume.....55%
 Viscosity.....130 ± 2 KU
 VOC (less exempt solvents)23 g/L.
 Weight per Gallon12.21 lbs/gal.

COVERAGE

125-150 S.F./Gal. @ 10-12 mils Wet
(Actual coverage may vary depending on type of substrate, and application method.)

COLOR

Top Coat with any Color Tuff-Coat Waterborne Opaque Concrete Stain

KEY ATTRIBUTES

Application Temperatures: 50 - 110°F (10 - 43.33°C)
 Application Tools: Brush, Roller, or Spray
 Dry Times: Recoat - 4 Hours; Foot Traffic 24 Hours
 (Dry Time Based on 77°F (25°C), 50% RH)
 Thinner: Do not reduce this product.
 Clean Up: Warm Soapy Water
 Cured Material: Remove Mechanically

PHYSICAL PROPERTIES

Perm Rating.....< 20 Perms
 Elongation w/o mesh.....175%
 Elongation with mesh12.5%
 Tensil Strength w/o Mesh200 PSI
 Tensil Strength with Mesh810 PSI
 Mildew ResistanceExcellent
 Alkali Resistance.....Good on surfaces to pH 13
 Abrasion Resistance.....0.07 @ 1,000 Cycles



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TUFF-PROOF FLEXIBLE CONCRETE WATERPROOFER 6350 Precautions & Application Guide

PRECAUTION: Do not freeze. Wear protective clothing, gloves and eyewear during application and clean-up 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.

PREVIOUSLY PAINTED SURFACES: Remove all dirt, mildew, algae, dust, grease, oil, loose particles, laitance, peeling or defective coatings, chalk, form release agents, moisture cured membranes, etc. by use of an appropriate cleaner. Previous coatings must be checked for adhesion. Remove all loose or delaminated paint. For best results on previously coated concrete and decks, prime the surface with Dyco #9040 Tuff Grip.

NEW CONCRETE must be cured for at least 7 days at 75 degrees F. with a pH of 13 or less. Remove all grease, oil, and other contamination.. If necessary, clean with a good degreaser or detergent and brush and/or pressure wash. This product is self-priming when applied to bare concrete or CMU. NOTICE: DO NOT ETCH bare concrete with an acid solution. Acid etching will cause a chemical burn from within the concrete slab. All voids, cracks, crevices, and wall penetrations must be patched before the application of Flexible Concrete Waterproof. Must use Fiber Mesh when coating elevated walkways.

Do not apply coating if the surface is damp. Check moisture as needed with a moisture meter or conduct a "matt" test to insure that the surface is dry. Caution: Use rubber gloves, work goggles and protective clothing during all cleaning procedures.

MIXING: Read and follow label instructions before use.

TOOLS: Apply with a brush, roller, trowel, or texture sprayer. Roller: Use a 3/4"- 1-1/2" nap cover depending on texture profile. Apply two coats and allow 4 hours dry time between coats. Texture Sprayer: Use #4 orifice for best results. Squeegee or back roll material to achieve a uniform application. .

COVERAGE: Actual coverage may vary depending on porosity and texture.

THINNING: Do Not Thin.

LIMITATIONS: Do not apply in direct sunlight or when air or surface temperature is below 50 degrees Fahrenheit or above 110 degrees Fahrenheit. Do not apply if temperature is less than 5 degrees above dew point. Do not apply if surface is damp or if precipitation is expected within 4 hours.

Clean Up: Clean tools with soap and water immediately. Cured material can only be removed mechanically.

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.

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.

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.



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