



DYC7000

MICRODECK SYSTEM WATERBOURNE 2 PART-EPOXY 7000 Data Sheet

CHARACTERISTICS

MICRODECK is a showroom quality floor system for all interior/exterior concrete areas. Decorative paint chips laminated between epoxy and polyurethane achieve great decorative floors and lasting durability. Available in many of today's most popular colors.

RECOMMENDED USES

- Bare, unpainted, unsealed concrete only.

FEATURES/BENEFITS

- Decorative - Designed to compliment any color scheme, inside or outside your home or business.
- Durable - A non-porous, seamless floor system that is impervious to most staining elements including oil and grease.
- Ease of Maintenance - Only a damp mop is necessary for normal day to day maintenance.
- Versatility - This system is a practical choice for garage floors, patios, pool decks, carports, bathrooms, hospitals, schools, motels, retail stores, and office lobbies.

AVAILABLE COLORS

| | |
|-----------------|----------------|
| Copper Mountain | Hampshire Gray |
| Nickel | Sea Shell |
| Seaside | Caribbean Teal |
| California Blue | Mesa Canyon |
| Autumn Brown | |

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 Epoxy Amine |
| Solids by Weight..... | 50.59% |
| Solids by Volume..... | 38.27% |
| Vehicle Solids by Volume.... | 27.73% |
| Pigment by Weight..... | 22.86% |
| Pot Life..... | 3 Hours |
| Viscosity..... | 77 KU |
| VOC (less exempt solvents) | 214 g/L. |
| Weight per Gallon..... | 10.48lbs. |

COVERAGE

200 Sq.Ft./Gal.

(Actual coverage may vary depending on type of substrate and application method.)

KEY ATTRIBUTES

Application Temperatures: 50 - 110 °F (10 - 43.33 °C)

Application Tools: Roller

Dry Times: Touch - 8 Hours, Recoat - 24 Hours, Vehicle Traffic 96 Hours

(Dry Time Based on 70 °F (21 °C), 50% Relative Humidity)

Thinner: Water

Clean Up: Warm Soapy Water

PHYSICAL PROPERTIES

Flash Point..... 247 °F (118.33 °C)



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MICRODECK SYSTEM WATERBOURNE 2 PART-EPOXY 7000 Precautions & Application

FOR USE ON: Bare, unpainted, unsealed concrete only.

PRECAUTION: Do not freeze. Wear protective clothing and eye-wear 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. 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.

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.

APPLICATION: Apply the MicroDeck System to bare, unpainted, unsealed concrete only. New concrete must be cured for 30-45 days. For proper bond, concrete surface must be profiled, open, etched, roughed up like sand paper. A slick hard-troweled surface needs special attention to provide this profile. This is accomplished by mechanical means: shot blasting, grinding, etc. Most common profiling is with an acid etch. Dilute muriatic acid in a 3 to 1 ratio with water, (3 parts water to 1 part acid). Always pour acid into water. Dampen concrete with water (no standing puddles). Evenly apply the acid solution to the concrete with an acid pump-up sprayer or sprinkling can. Scrub solution with a stiff nylon bristle broom, sit for about 15 minutes, or until foaming has stopped. Hose or pressure wash solution off completely. An ammonia solution rinse (4 oz. ammonia to 1 gal water) should be used to neutralize the muriatic acid after application. Dry thoroughly. Remove any oil or grease spots on the concrete. Use a scrub brush and cleaner/degreaser or use mineral spirits. Scrub thoroughly and wipe up excess cleaner with rags/paper towels to prevent contaminates from spreading. Rinse thoroughly with fresh water. Repeat as necessary until completely clean. Apply the MicroDeck Base Coat when air temperature is 50 °F to 90 °F and relative humidity is below 80%. Concrete surfaces take a long time to warm up, make sure the previous day has been at least 50 °F prior to painting. Minimum temperature for painting is 50 °F. Painting in mid-afternoon ensures best cure. Store kit in a cool place (below 80 °F) before use. Storage at higher temperatures will shorten work time of the coating. (Pot life).

MIXING: Don't mix the decorative paint chips with the MicroDeck Base Coat. Pour all part B into part A and stir thoroughly for at

least 3 minutes. Note: Parts B and A must be mixed as stated. Do not leave container in direct sunlight. Allow 15 minutes and mix before applying. If using more than one kit do not mix kits at the same time. To ensure even sheen and color coating must be applied within the times stated on the Part A gallon label.

BASE COAT APPLICATION: After standing time indicated use good quality synthetic brush to trim edges. Trim edges presently being rolled approximately 8 ft. by 8 ft. Work quickly to not impact the time remaining for rolling the surface. Use a roller cover and 9 in. roller frame to apply even coat of the MicroDeck Base onto surface. Apply in 8 ft. by 8 ft. sections so the decorative chips can easily be scattered on the freshly coated surface. Maintain wet edge to prevent lap marks and gloss differences. Cover an area 8 ft. by 8 ft. blowing the chips fully on the epoxy using a hopper gun or chip gun. Continue using the same method. Do not allow Epoxy Base Coat to dry before applying chips. When entire area is covered with chips, allow 8-10 hours drying. Use a vacuum to pick up the loose chips and save for future use. Brush chip surface with a bristle broom and re-vacuum. If smooth surface is desired use a floor sander. If non-skid surface is desired do not sand. Apply two coats of DYCO #7810. If there are uneven or missed areas of chips lightly sprinkle chips on these areas while first coat is still wet to even out surface. The first coat requires 8 hours to dry properly. Before applying the second coat of DYCO #7810 remove any loose chips on the touch-up areas only. After applying the second coat keep heavy traffic off surface for 48 hours, vehicular traffic off for a minimum of 96 hours, and light traffic after 24 hours.

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.

VOC: Contains less than 214 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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