



TECHNICAL DATA SHEET

WATERBORNE EPOXY CONCRETE COATING

197-8002 through 197-8023

DESCRIPTION

A two-component, water based, epoxy system that is formulated to coat interior concrete with a tough, chemical and abrasion resistant film that is low in odor and easy to apply and clean up. These high gloss finishes are available in a variety of ready-mix colors that provide superior resistance to abrasion, marring, scuffing, foot traffic, forklifts and chemicals including oil, grease, hydraulic fluid, many solvents and moderate acids and alkalis. Ideal for use in factories warehouses, parking decks, aircraft hangars, service stations, and other applications where a heavy-duty coating is required.

FEATURES

- ◆ Dries to an easy cleaning high gloss finish
- ◆ Mild odor / Low VOC
- ◆ Can be applied to new concrete that has aged a minimum of 2 weeks
- ◆ Components are pre-measured, just mix and apply
- ◆ Cleans up with soap and water
- ◆ Provides a tough, coating that protects against dust, dirt, water, acid and alkali, cleaners, alcohol, Skydrol, even brake fluid.

COVERAGE.....200-250 sq. ft. per gallon
 per coat depending on
 surface texture and porosity

DRY TIMES

Set-to-Touch2 hours
 Recoat.....4 - 6 hours
 Light Traffic12 - 24 hours
 Full Cure.....5 - 7 days
 Pot Life2 hours

NOTE: All dry/cure times are based on 77° F at 50% relative humidity. Individual dry times may vary depending upon conditions. Not recommended for application where indoor relative humidity is over 80%. **FOR BEST RESULTS:** Apply two-three thin coats rather than one thick coat.

SURFACE PREPARATION

All surfaces to be coated must be clean, dry and free from dirt, grease, oil, chalk, efflorescence, curing and sealing compounds, soap residue and any other foreign matter. New concrete surfaces should age at least 14 days before being coated. Old concrete that is unsound including flaking or spalling must be removed to a solid substrate. Make any needed repairs then clean the surface thoroughly using a heavy-duty detergent /degreaser. Use a broom or brush to get into valleys and grooves. Rinse completely with clean water and allow to dry. Concrete that is smooth troweled or suspected of treatment with chemical "deicers"

SURFACE PREPARATION (continued)

should be etched with dilute muriatic acid and rinsed thoroughly with clean water to promote bonding. Allow surface to dry before applying coating. This product may be applied after cleaning while the surface is still damp to the touch, but not wet. NOTE: Do not apply if floor temperature is below 50° F or over 90° F.

APPLICATION DIRECTIONS

1. Do not apply if air or surface temperature will be below 50° F within 24 hours of application.
2. Pour Part B (197-8000) into pigmented Part A (197-80xx) and mix thoroughly with a “Jiffy” type mixer mounted on an electric drill.
3. Mix until a uniform color is obtained. (3-5 minutes at 1000 rpm). Avoid air entrapment.
3. Let sit for 2 - 3 minutes after stirring.
4. Pot life after mixing is 2 hours. Do not use beyond this timeframe even if product appears normal as film characteristics will be unsatisfactory.
5. Apply mixed product without thinning in even coats with a brush or short nap (3/8") roller from a clean roller pan. DO NOT POUR THIS MATERIAL DIRECTLY ON THE FLOOR.
6. There is no need to work this finish into the surface since the superior penetrating qualities of the product will perform this function.
7. Clean, rinse and dry application equipment with soap and water before pot life expires.
8. Discard all unused material after 2 hours in accordance with local, state, federal regulations.

TECHNICAL DATA (Based on Light Gray)

Colors.....	Light Gray, White, Azure Blue, Green, Yellow, Red, Beige, Sand, Black, Handicap Blue, Dark Gray
Pot Life	2 hours
Coverage	Approx. 200 - 250 ft ² /gal
Volume Solids (mixed)	39%
Viscosity (mixed).....	90 - 105 KU
Weight per gallon (mixed)	9.4 pounds
60° Gloss	85%+
Flash Point	130° F
Recommended Thickness	Minimum of 6 mils WFT per coat
Available Container Sizes.....	1 gallon kit and 5 gallon kit
Shipping Weight	5 gallon kit - 49 lbs. Net
1gallon kit - 12 lbs. Net	
Volatile Organic Compounds	Less than 250 g/l (2.1 lb/gal)

Read and fully understand label and MSDS before using!

The information and data given herein are based upon tests and reports considered reliable and believed to be accurate. However, due to circumstances beyond our control including but not limited to surface preparation, application technique, substrate and curing conditions, no guarantee of duplicate performance, expressed or implied, is made.