



## TECHNICAL DATA SHEET

# WATER BORNE EPOXY CONCRETE SEALER PRIMER 197-8001

### DESCRIPTION

This water-based pre-measured two-part epoxy sealer/primer is formulated to provide a tough transparent seal against chemical penetration and physical deterioration of concrete surfaces. It can be used as a primer prior to application of Moisture Cure Urethane or 100% solids epoxy. This sealer/primer will penetrate damp or dry concrete to improve adhesion and to maximize bonding.

### RECOMMENDED USES

This product is designed as a sealer/primer for concrete floors and walls in facilities such as hospitals, schools, nursing homes, commercial buildings or industrial plants, where the presence of solvent odors and/or flammability problems would normally prohibit the application of a sealer. It is an excellent primer for most types of surface.

### PRODUCT CHARACTERISTICS

- ◆ No offensive odor or volatile toxic solvents
- ◆ Conforms to California Low VOC clean air regulations
- ◆ Cuts installation time - no need to wait for concrete to completely dry
- ◆ Even works on **NEW** concrete
- ◆ Seals in "impossible" grease and oil embedded in surfaces
- ◆ Simple to use: Components are pre-measured, just mix and apply
- ◆ Reduces floor prep costs: It can be applied with minimum preparation and minimum cleaning
- ◆ Cleans up with soap and water
- ◆ Provides a tough, transparent seal that protects against dust, dirt, water, acid and alkali cleaners, alcohol, solvents, oils, grease
- ◆ Provides excellent surface bonding and strong adhesion of other types of topcoats, even Moisture Cure Urethane

### COVERAGE

First Coat .....	300 sq. ft. per gallon
Additional Coats.....	450 sq. ft. per gallon

### DRY TIME

Open to traffic .....	8 - 12 hours
Maximum hardness .....	7 days
Between coats .....	3 - 4 hours
Pot Life .....	2 hours

**NOTE:** Dry times are based on 75° F at 50% humidity. Actual dry times vary depending upon conditions.

**SURFACE PREPARATION**

1. Curing seals and other coatings must be screen backed before applying this coating
2. Clean floor thoroughly using a heavy duty cleaner and degreaser
3. Rinse well
4. Surface need not be completely dry prior to application, but there must be ABSOLUTELY no puddles or standing water present. For optimum results, allow surface to dry if possible
5. Acid etch recommended if laitance present

**NOTE: DO NOT** apply if floor temperature is below 55 Deg. F. Floor must remain completely dry for 7 - 8 days after application.

**APPLICATION DIRECTIONS**

1. Mix all of Part B (Resin) into Part A (Hardener) in a clean, dry container using an electric drill mounted with a "Jiffy" type mixer.
2. Mix until a uniform light-yellow color is obtained. (3-5 minutes at 1000 rpm).
3. Avoid air entrapment. (Let set 2-3 minutes after mixing.)
4. After mixing, pot life is about two hours at 75° F.
5. Apply mixed product in thin, even coats with a short nap 3/8" or no nap paint roller from a clean roller pan. **DO NOT POUR THIS MATERIAL DIRECTLY ON THE FLOOR.** There is no need to work this finish into the surface since the superior penetrating qualities of the seal will perform this function.
6. Discard roller cover when through. All remaining application equipment may be cleaned with soap and water before pot-life expires.
7. Discard all unused material after 2 hours. No noticeable change will be noted in liquid coating, but film characteristics will be unsatisfactory.

**TECHNICAL DATA**

Flash Point.....	Non flammable
Odor.....	Slight to none
Color (after cure) .....	Transparent, amber hue
Pot Life .....	2 hours
Solids.....	33%
Viscosity .....	1050 cps
Drying Time, Foot Traffic.....	8 - 12 hours
.....	3 - 4 hours between coats
Maximum Cure .....	7 days
Gloss .....	Good
Recommended Thickness.....	Minimum of 6 mils (2 coats)
Clean Up.....	Soap and Water
Resistance to salts .....	Excellent
Resistance to solvents.....	Excellent
Resistance to oils .....	Excellent
Shipping Weight .....	4 gallon unit - 43.43 lbs. net
	1 gallon unit - 8.68 lbs. net

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.