



TWO COMPONENT WATERBASED
ENVIROPOXY™
INDUSTRIAL STRENGTH EPOXY
PROTECTIVE COATING & FLOORING SYSTEM

PRODUCT DATA
(Amine) #5900A
(Epoxy) #5900B
01/01/15
superseding: 06/26/13

PRODUCT DESCRIPTION:

ENVIROPOXY™ is a high gloss, white, two component, hard finish industrial strength epoxy protective coating and flooring system. It is also a low V.O.C., environmentally safe, waterborne formulation. Great for use as an anti-graffiti coating. Excellent for use as an anti-carbonation coating which greatly reduces the breakdown of concrete & other cementitious substrates. It is easy to apply, has low odor and high hiding characteristics. This product is tintable with waterbased colorants, and is available in Tint, Deep & Clear bases and a non-pigmented clear gloss finish. **ENVIROPOXY™** should be used only in covered areas, both interior and exterior, not exposed to direct sunlight. Outstanding adhesion on concrete.

PRODUCT USES:

ENVIROPOXY™ can be used on most any substrate including drywall, metal, ceramic tiles, cement, hard woods, asphalt and some plastics. Can be used on not fully cured concrete. Great for use on interior floors and walls in restrooms, locker rooms, shower stalls, meat packing plants, dairies, restaurants, schools, hospitals, factories, maintenance shops, covered car washes, parking garages and everywhere a tough, highly cleanable, chemical and solvent resistant coating is needed. It can also be used on the inside of water tanks and other surfaces continually exposed to water or moisture.

SURFACE PREPARATION:

Patch all holes, cracks, seams and imperfections with **PERMAPATCH™** Waterproofing Caulk and Sealant or an appropriate patching material. Clean dirt, oil, grease and soap off of the surface with the appropriate cleanser and rinse thoroughly. Remove all mildew, algae and mold off of the surface with a chlorine solution (2 quarts pool chlorine to 4½ gallons water) and rinse thoroughly. Remove all loose paint and powdery substances by scraping and pressure washing. Clean metal surfaces of oil, grease and foreign matter before painting. Rust must be removed from ferrous metal before coating. Concrete must be acid etched at least twice to insure proper penetration. Repeat acid etching, if necessary, until pores visibly appear in surface. The surface should feel like #80 sandpaper after etching. Rinse surface thoroughly.

PRIMERS:

Drywall: CERAMIC SHIELD® Primer or other Latex Paint Primer
 Ferrous Metal: METAL-PRIME RED-OX™ or if prepared properly and all rust is removed no primer needed.
 Aluminum and Galvanized Metal: None (When prepared properly, as stated above)
 Ceramic Tile: None (When prepared properly, as stated above. Do not use siloxane)
 Cement Walls & Floors: None (When prepared properly, as stated above, unless surface primed with CRETE-GRIP™)
 Wood: Use only use on hard woods. No primer required, but can be primed with SUPER BLOCK™ if preferred.

APPLICATION PROCEDURE:

Stir the Amine (5900A) and the Epoxy (5900B) components separately prior to mixing. Thoroughly mix 1 part of (Epoxy) 5900B to 3 parts of (Amine) 5900A. Let mixture sit for 10 to 15 minutes before using. Do not thin, use product as is. Average pot-life is 2 to 3 hours, depending on temperature and humidity, before gelling. Do not apply when temperatures are below 40 degrees Fahrenheit or when humidity is very high. Drying time will vary depending on temperature, humidity and location. Apply using brush, roller or airless sprayer (.013 tip to start). Spread coating uniformly. Spread Rate may vary depending on profile and porosity of the surface. Apply two coats on floors intended for pedestrian and vehicle traffic and walls that will be subjected to a lot of water and cleaning. Let surface dry for 36 hours for pedestrian traffic and 72 hours for vehicular traffic. Dark colors will take longer to dry.

COLORS & TINTING:

ENVIROPOXY™ is available in white, deep and clear bases and can be tinted with standard waterbased colorants. Tinting should be done by adding colorant to Part A (Amine), before mixing the Amine and Epoxy.

CLEAN UP:

Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water. Xylene may be needed for final rinse of tools & equipment.

Specialty

Ambient Temperature of 77°F and RH of 50% TECHNICAL SPECIFICATIONS:		Rates & Times May Vary Beyond Specifications
FINISH:	High Gloss	SPREAD RATE: 200 to 300 sq.ft./gal.
COLOR (Tintable):	White, Deep & Clear Base	DRY to TOUCH: 4 Hours
VEHICLE TYPE:	Epoxy / Amine	RECOAT: 12 to 24 Hours
SOLIDS by WEIGHT:	50% +/- 2%	CURE TIME: 24 Hours
SOLIDS by VOLUME:	40% +/- 2%	SIZES: 1 Gallon Kit - 4 Gallon Kit
V.O.C.'s (averages):	1.87 lbs./gal. • 224 g/liter	GALLON WEIGHT: 10.1 lbs. +/- .3 lbs.
Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.		