

# Technical Information

#6011



“GREEN”  
Coating Products

## ProTek - ENVIRE-POXY™

Industrial Strength Protective

Water Based Epoxy Coating

COMMERCIAL INDUSTRIAL

### PRODUCT DESCRIPTION

ProTek-ENVIRE-POXY™ is a high gloss, white, Two-Component, hard finish, low V.O.C., environmentally safe, waterborne epoxy. It is easy to apply, has low odor and high hiding characteristics. This product is tintable with water based colorants, and is available in Tint, Deep and Clear bases and a non-pigmented clear gloss finish. ENVIRE-POXY™ should be used only on covered areas, both interior and exterior, not in direct sunlight.

### PRODUCT USES

ENVIRE-POXY™ can be used on most any type of 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 THERMA-PATCH™ 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 priming. 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: PRO-TEK ENVIRO FINISH PRIMER™  
Ferrous Metal: PRO-TEK OXIPRIME™  
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 and Floors: None (when prepared properly, as Stated above, unless surface primed with PRO-TEK CRETE SEAL™.)  
Wood: KILZ General Purpose Primer

Stir both ENVIRE-POXY™ components separately prior to mixing. Thoroughly mix the Part A (Amine) of ENVIRE-POXY™ to the Part B (Epoxy) of ENVIRE-POXY™. 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 45 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

ENVIRE-POXY™ is available in white, deep and clear bases and can be tinted with standard water based colorant. Tinting should be done by adding colorant to the Part A (Amine) ENVIRE-POXY™, before mixing the Amine and Epoxy. Call for assistance if needed.

### 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 and equipment.

### PHYSICAL PROPERTIES

FINISH: .....High gloss  
COLOR: .....White, Deep & Clear Base  
DRY TIME (@77°F & 50 RH):  
TO TOUCH: ..... 4 Hours  
TO RECOAT: ..... 12 to 24 Hours  
FULL CURE: .....//.....24 Hours  
VEHICLE TYPE: .....Epoxy/Amine  
SOLIDS by WEIGHT: .....50% +/- 2%  
V.O.C: ..... 1.87 lbs. /Gallon; 224 gram/liter  
GALLON WEIGHT: .....10.1lbs. +/- 0.3lbs.

PACKAGING: 3 Gallon Part A  
1 Gallon Part B (Catalyst)

### REQUIRED MIN. SPREAD RATES & MIL THICKNESS:

Primer: 200 to 300 sq.ft./gal – 4 Dry Mil

Ask your Pro-Tek Representative for application instructions specific to your project.

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