



AquaBOND 9300

Waterborne Epoxy Primer/Sealer

For priming and sealing properly prepared concrete surfaces for both new flooring systems and repaints.

Recommended For

High Traffic Commercial and Industrial Buildings
Concrete Decks and Walkways
Concrete Priming

Features

Outstanding Flow and Leveling
Low VOC
Early Water Resistance
Quick Dry Properties
Low Odor
Excellent Adhesion

Application: Roller or Brush

Average Dry Time: Dust Free: ½ - 1 hour (at 77°F / 25°C).

Resistance To: **Dry Heat to 150°F -**

Weather - Excellent	Oil Spills - Excellent
Moisture - Excellent	Abrasion - Excellent
Solvent - Good	Petroleum - Excellent
Chemical Fumes - Very Good	

Theoretical Coverage at 1 mil: 638 square feet per gallon, depending on color. The actual coverage will be less, depending on application technique, job conditions, and type of surface to be coated.

Thinning: No thinning required for floor applications

Finish: Gloss

Flash Point: 480°F

% Solids by Volume: Average of 40%, depending on color

% Solids by Weight: Average of 50%, depending on color

Pigment Type: Chemical Resistant

Solvent Type: Water

Vehicle Type: Acrylic modified epoxy

Viscosity at 77°F (25°C): 60 sec on Zahn 2

Physical Properties: *VOC Actual: 189 g/l • VOC Regulatory: 141 g/l mixed • Weight of Volatiles: 39.8% • Weight of Exempt: 38.9% • Volume of Exempt: 48.5% • Density: 1,258 g/l*

Caution: Recommended for application up to 2.0 to 4.0 mils dry film thickness per coat. Heavy applications exceeding this thickness may result in slow dry.



9300 Series Waterborne Epoxy Primer/Sealer

Type

2 Component Waterborne Epoxy Primer/Sealer

Intended Use

For priming and sealing properly prepared concrete surfaces for both new flooring systems and repaints.

FOR INDUSTRIAL USE ONLY

Chemical Resistance

Excellent resistance to weather, moisture, and abrasion. Chemical resistance to non-oxidizing acids, alkalies, and alcohol.

Surface Preparation

Dependent on coating use. Refer to SURFACE PREPARATION Section.

Application

Roller or Brush

Colors

Clear. Custom matches available upon request.

Recommended Film Thickness

Up to 4.0 mils DFT per coat

FILM THICKNESS PER COAT

Spray

Not applicable

Brush or Roller

2.0 - 4.0 mils DFT

Theoretical Coverage at 1 mil

802 sq. ft. per gallon, depending on color.

The actual coverage will be less, depending on application technique, job conditions, and type of surface to be coated.

Drying Times at 77°F (25°C)

Between Coats: 10 minute **Tack Free:** 30 minutes

Dust Free: 1 hour **Tape:** 30 minutes

Print Free: 2 ½ hours

Force Dry at 140°F: 30 minutes after tack free

Curing Time at 77°F (25°C)

7 days.

OVERCOATING TIME

Minimum

10 minutes

Maximum

3 days

PHYSICAL SPECIFICATIONS

Pigments

Chemical Resistant

Shipping Weight

(approximate due to color, fill level, pigment)

1.25 Gallon Kit:

Part A and Part B - 13.5 lbs

5 Gallon Kit:

Part A and Part B - 54.0 lbs

Solids

Average of 50% by volume, depending on color

Average of 60% by weight, depending on color

Pot Life (at 77°F)

3 hours at 77°F (25°C) when catalyzed. Gradual thickening of paint, skin will form after 3-4 hours, do not use after skin has formed.

Mixing Ratio

4 part resin (Part A) to 1 part colored catalyst (Part B)

Shelf Life

6 months at 77°F when parts A and B are not combined

Gloss

High Gloss



AREA OF USAGE

Recommended for sealing and priming concrete used in high traffic commercial and industrial buildings, concrete decks and walkways.

CHEMICAL RESISTANCE

• Water • Salt • Non-Oxidizing Acids • Alkaline • Alcohol •

NOTE: Although 9300 Series exhibits resistance to the above environments, this list is not meant to imply an express guarantee in actual service. It is recommended that the user contact Ponderosa Paint Company for specific recommendations when severe exposure is expected.

THINNING

Water is recommended

Spray Application
Not applicable

Brush or Roller Application
Nylon - Polyester

SURFACE PREPARATION

Steel
Not applicable

Concrete

Concrete must be properly cleaned depending on surface use and condition. New concrete should cure for at least 30 days before coating. May be applied over cured concrete that has been properly cleaned. Oil, grease and sealers may inhibit bonding. Any existing sealers must be removed by mechanical means such as shot blasting. For degreasing, scrub the concrete with a cleaner/degreaser and thoroughly flush with water. Wash the surface with a high pressure washer. Apply a solution of 3:1 muriatic acid and water, using a plastic gardening can or spray can. (approx. 2 gallons of solution per 100 sq. ft.) Let the solution sit and react with the concrete for 2 to 3

minutes. Bubbles will be evident. Scrub the surface and flush with plenty of fresh water, rinse with power wash if possible. **IMPORTANT:** Don't allow acid solution to dry on the concrete surface. All cracks and erosion should be repaired with cementitious grout. After the grout has cured it may be necessary to use a floor buffer with either a 60 grit sanding disc or a grinding stone attachment to tone down marks and imperfections. The cleaning and acid etching procedure is to be repeated. You may also choose to repair the surface using water washed silica and epoxy.

EQUIPMENT

Spray Application
Not applicable

Roller Application
Short-nap lint free mohair roller

Brush Application
Nylon/Polyester bristle brush

READ THIS NOTICE SAFETY AND MISCELLANEOUS EQUIPMENT

1. It is recommended that the operator provide himself/herself with clean coveralls and rubber soled shoes and observes good personal hygiene. Certain personnel may be sensitive to various types of resins, which may cause dermatitis.
2. Avoid contact with skin and avoid breathing of vapor or spray mist. When working in tanks, rooms and other enclosed spaces, adequate ventilation must be provided. Keep out of the reach of children.
3. **CAUTION:** Read and follow all caution statements on this product technical bulletin, material safety data sheet and container label for this product.



MIXING

9300 Series epoxy comes in a two-component package. The resin, Part A and the color catalyst, Part B are mixed at a 4:1 ratio by volume. Thoroughly mix each component separately. Then blend the components together until a uniform color is obtained. Blend slowly to avoid introducing air into the system.

NOTE: Always thin after adding catalyst or additives.

APPLICATION PROCEDURE

1. Surface should be dry and clean. Free of any dirt, grease, old loose scaling paint and anything that might interfere with adhesion.
2. After mixing the paint, allow the mixed paint to induct for 15-30 minutes prior to applying.
3. Edges are cut-in with a 3" nylon polyester bristle paint brush.
4. Apply 9300 AquaPoxy using an 18" lint free roller with long handle and an 18" dip tray. Note: Placing the dip tray on a small hand truck makes it easy to move the tray as you proceed. Spread the product by rolling back and forth using a "W" pattern until the product is evenly distributed. Then back roll the section.
5. A maximum wet film thickness of 8 mils is recommended to allow for water evaporation from the paint film. Good air flow across freshly painted areas will assist in water evaporation and improve dry speed.
6. Equipment should be thoroughly cleaned with tap water.

INSPECTION

Degree of surface preparation and film thickness shall conform to appropriate specifications outlined in SURFACE PREPARATION and RECOMMENDED FILM THICKNESS sections.

Ponderosa Paint Company warrants its products to be free of defects in materials and workmanship. Since Ponderosa Paint Company has no control over surface preparation or application methods, no guarantee concerning results is offered, expressed, or implied. If this product is found to be defective, liability shall be limited to the refund of purchase price or replacement of product.