



HPC/Industrial Maintenance

AQUAPON® WB Interior Floor Coating

**GENERAL DESCRIPTION**

AQUAPON® WB Interior Floor Coating is a complete floor topcoat or it can be used as a sealer and dust-proofer for interior concrete floors in industrial environments. It provides a tough, chemical-resistant finish with excellent hardness in addition to abrasion, mar and stain resistance. Reduces maintenance costs by reducing dusting and wear on concrete floors. Use as a clear topcoat over a wide variety of water borne or alkyd floor coatings or marking paints. **For Professional Use Only; Not Intended for Household Use.**

**RECOMMENDED USES**

Concrete Floors  
Wood Floors

**FEATURES AND BENEFITS**

Water-borne formula meets all current local and national VOC regulations  
Chemical and solvent resistance equal to solvent epoxy coatings  
Equal or better abrasion resistance than competitive WB epoxies  
Recommended for floors  
Water borne formula for low odor and reduced yellowing

**PACKAGING**

1-Gallon (3.78L)  
5-Gallon (18.9L)  
Quart (946 mL)

**TINTING AND BASE INFORMATION**

98-57 Clear Component A  
98-58 Clear Component B

**PRODUCT DATA**

**PRODUCT TYPE:** Water-Borne Epoxy Two Component  
**GLOSS:** Semi-Gloss

**VOC\*:** 2.77lbs./gal. (332 g/L)

**COVERAGE:** 190 to 285 sq. ft./gal.  
(18 to 26 sq. m/3.78L)

Note: Does not include loss due to varying application method, surface porosity, or mixing.

**DFT:** 2.0 to 3.0 mils

**WEIGHT/GALLON\*:** 8.7 lbs.(3.9 kg)+/-0.2 lbs. (91g)

**VOLUME SOLIDS\*:** 35.6% +/- 2%

**WEIGHT SOLIDS\*:** 40.3% +/- 2%

\*Product data calculated on mixed product.

Wet Film Thickness: 5.6 to 8.4 mils

Wet Microns: 142 to 214

Dry Film Thickness: 2.0 to 3.0 mils

Dry Microns: 50 to 76

**POT LIFE:** 3 hours

**MIX RATIO:** 4 parts Comp. A to 1 part Comp. B

**DRYING TIME:** Dry time @77°F (25°C); 50% relative humidity.

To Touch: 1 hour

To Handle: 3 hours

To Recoat: 6 hours

Drying times listed may vary depending on temperature, humidity, color and air movement.

**CLEAN UP:** Soap and Water

**FLASH POINT:** 98-57 156°F (69°C)  
98-58 133°F (56°C)

**GENERAL SURFACE PREPARATION**

The surface to be coated must be dimensionally stable, dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

**PREVIOUSLY PAINTED SURFACES:** Scuff sand hard glossy surfaces to promote adhesion.

**CONCRETE FLOORS:** New Unpainted -- Freshly poured concrete must age a minimum of 30 days before surface preparation is done. If optimum curing conditions are not present, this time may be too short. In these cases, acid etching is a must. Allowing 3 to 6 months of cure time is a more prudent approach. Remove all dirt, debris, grease, oil, tar, and other contaminants by sweeping, scraping, and cleaning with solvent or detergents. In severely contaminated areas abrasive blasting may be necessary. Old Unpainted -- In some cases, acid etching is the best method though it is not a satisfactory method for removing contamination and some curing membranes from concrete. In other cases, abrasive blasting may be required to remove contaminants which have penetrated the surface. When surface conditions do not require blast cleaning, wash concrete with a strong detergent solution.

**WOOD:** AQUAPON® WB Clear is self-priming over new interior wood. Previously painted wood may also be coated, provided the surface is sanded. The wood should be clean and dry before the first coat is applied.

**RECOMMENDED PRIMERS**

None Self-priming on properly prepared surfaces.

**MIXING AND APPLICATIONS INFORMATION****Permissible temperatures during application:**

Material:	50° to 90° F	10°C to 32.2°C
Ambient:	50° to 100° F	10°C to 38°C
Substrate:	50° to 130° F	10°C to 54°C

**Application Equipment:** Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions.

**Brush:** High Quality Polyester/Nylon Brush

**Roller:** 3/8" nap solvent resistant core

**Airless Spray:** Pressure 1500 psi, tip 0.013" to .0015"

**Conventional Spray:** Fluid Nozzle: DeVilbiss MBC gun, with 777 air cap with E or FF tip and needle, or comparable equipment. Atomization Pressure: 55-70  
Fluid Pressure: Can not specify, dependent on numerous factors.

**Thinning:** May be thinned with 16 oz. of water per gallon of Aquapon® WB Clear for spray application. Do not thin for roller application.

**LIMITATIONS OF USE****For Professional Use Only; Not Intended for Household Use.**

AQUAPON® WB Clear material is for interior service only. This product is not recommended for immersion service, nor is it a barrier to hydrostatic pressure, or for vertical surfaces. This coating is not recommended for use in or around swimming pools. Apply only when air, product and surface temperatures are above 50°F (10°C) and at least 5°F (3°C) above the dew point. Concrete floors are generally at a lower temperature than the surrounding air. If the concrete temperature is at or below 50°F (10°C) during the cycle, application should not be attempted. Curing will be retarded at or below 60°F (15°C). Application over alkyd coatings will cause yellowing of the undercoat. **PROTECT FROM FREEZING.**

**SAFETY**

Proper safety procedures should be followed at all times while handling this product. **USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.** Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury. Read all label and Material Safety Data Sheet for important health/safety information prior to use. MSDS are available through our website [www.ppghpc.com](http://www.ppghpc.com) or by calling 1-800-441-9695.

PPGAF believes the technical data presented is currently accurate; however, no guarantee of accuracy, comprehensiveness, or performance is given or implied. Improvements in coatings technology may cause future technical data to vary from what is in this bulletin. For complete, up-to-date technical information, visit our web site or call 1-800-441-9695.



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F21 6/2007  
Supersedes (3/2007)