



HPC/Industrial Maintenance

AQUAPON® WB Interior Floor Coating

Generic Type

Waterborne Epoxy Two Component

Tinting and Base Information

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

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.

Recommended Uses

- Concrete Floors
- Wood Floors

Product Data

Gloss:	Gloss: +90 (60° Gloss Meter) Gloss may vary d
VOC*:	2.77 lbs/gal 332.00 g/L
Coverage:	196 to 294 sq ft/gal (18 to 27 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
DFT:	2.0 minimum to 3.0 maximum
Weight/Gallon*:	8.7 lbs. (3.9 kg) +/- 0.2 lbs. (91 g)
Volume Solids*:	36.3% +/- 2%
Weight Solids*:	41% +/- 2%
Mix Ratio:	4 parts Comp. A to 1 part Comp. B
Clean-up:	Soap and Water

Results will vary by color, thinning and other additives.

*Product data calculated on mixed formula

Features / 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.

Drying Time:

To Touch:	1 hour
To Handle:	3 hours
To Recoat:	6 hours

Dry Time @77°F (25°C); 50% relative humidity

Limitations of 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. Not intended for residential use. Protect from freezing.

Pot Life:

3 hours

Flash Point:

98-57	156°F, (69°C)
98-58	133°F, (56°C)

The surface to be coated must be dimensionally stable, dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials.

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

CONCRETE FLOORS: New Unpainted -- Freshly poured concrete must age a minimum of ten 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 sandblasting 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, sandblasting 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.

Application Information

Recommended Spread Rates:

Wet Mills :	6.0 minimum to	9.0 maximum
Wet Microns:	152.0 minimum to	229.0 maximum
Dry Mills :	2.0 minimum to	3.0 maximum
Dry Microns:	50.0 minimum to	76.0 maximum

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

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.

Airless Spray: Pressure 1500 psi, tip 0.013" - 0.015"

Brush: High Quality Polyester/Nylon Brush

Roller: 3/8" nap solvent resistant core

Thinning:

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

Directions for Use

Mix both components thoroughly before blending. Add Component "B" to Component "A" and blend well using a mechanical mixer. No digestion is required. Do not incorporate air. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Permissible temperatures during application:

Material:	50 to 90°F	10 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 130°F	10 to 54°C

PPGAF believes the technical data presented in this bulletin 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 information visit our web site or call 1-800-441-9695

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

Not all products are available in all sizes.



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Coatings and Resins Group
5546 Timberlea Blvd.
Mississauga, Ontario L4W2T7
(905) 238-6441

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