



HPC/Industrial Maintenance

AQUAPON® WB Water Base Epoxy Primer

**GENERAL DESCRIPTION**

AQUAPON® WB primers are the primer complement to the AQUAPON WB Water-Borne Epoxy interior/exterior coating system. These products are intended for use in commercial, institutional or industrial environments or where a tough, impact, abrasion, mar and stain resistant coating is required. Suitable for use on properly prepared and primed steel, galvanized metal, aluminum, copper, plaster, concrete, masonry, and wood surfaces. **For Professional Use Only; Not Intended for Household Use.**

**RECOMMENDED USES**

Aluminum  
Copper  
Galvanized Metal  
Steel

**FEATURES AND BENEFITS**

Water-borne formula meets all current local and national VOC regulations  
Chemical and solvent resistance equal to solvent epoxy coatings  
Suitable for both floors and vertical surfaces  
Water borne formula for low odor and reduced yellowing  
Can earn LEED NC Version 2.2 Credits

**PACKAGING**

1-Gallon (3.78L)  
5-Gallon (18.9L)

**TINTING AND BASE INFORMATION**

98-46 Light Gray Primer Component A  
98-99 Primer Component B

**PRODUCT DATA**

**PRODUCT TYPE:** Water-Borne Polyamide Epoxy  
Two Component  
Matte

**GLOSS:**

**VOC\*:** 1.72lbs./gal. (206 g/L)

**COVERAGE:** 157 to 209 sq. ft./gal.  
(15 to 19 sq. m/3.78L)

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

**DFT:** 3.0 to 4.0 mils

**WEIGHT/GALLON\*:** 10.9 lbs.(4.9 kg)+/-0.2 lbs. (91g)

**VOLUME SOLIDS\*:** 39.1% +/- 2%

**WEIGHT SOLIDS\*:** 54.3% +/- 2%

**MIXED RATIO:** 1 part Comp. A to 1 part Comp. B

\*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:** 6 hours

**IN SERVICE TEMP.:** Dry Heat 250°F (121°C)

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

To Touch: 2.5 hours

To Handle: 11 hours

To Recoat: 16 hours

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

**CLEAN UP:** Soap and Water

**FLASH POINT:** 98-46 98°F (36.7°C)  
98-99 200°F (93°C)

**GENERAL SURFACE PREPARATION**

Remove all loose paint, mill scale, and rust. 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.

**STEEL:** Prepare surface by SSPC-SP6 commercial blast cleaning.

**GALVANIZED STEEL:** May be applied directly to properly prepared hot dipped galvanized steel. To obtain adhesion, stabilizers on the surface of the galvanized steel must be removed by either brush blasting, sanding or chemical treatment prior to coating.

**ALUMINUM AND COPPER:** Must be lightly blasted to remove contaminants and provide an anchor pattern prior to coating.

**COATING SYSTEMS:** 236-HD AQUAPON® WB Epoxy Primer may be substituted in other PPG systems where solvent based Aquapon Primer is normally used. This substitution should not be done where intended end use involves a critical exposure.

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

**Airless Spray:** Pressure 1500 psi, tip 0.015" to .0017"

**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:** Under normal conditions, thinning is not required. Water may be added at up to 6 oz. per gallon for unusual application requirements.

**LIMITATIONS OF USE**

**For Professional Use Only; Not for Household Use.** Apply only when air, surface, and product temperatures are above 50°F (10°C) and surface temperatures are at least 5°F (3°C) above the dew point. Curing is retarded below 60°F (15°C). For exterior applications, do not paint late in the day when dew or condensation are likely to form or if rain is threatening. Topcoat soon after application, delays increase the probability of intercoat contamination and peeling. Verify adhesion when topcoating has been delayed with test application. Gradual loss of gloss and chalking is typical and characteristic of epoxies on exterior exposures. Film integrity is not adversely affected. Not recommended for immersion service. Not recommended for below grade applications on concrete or masonry. **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.ppghcp.com](http://www.ppghcp.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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