



**HPC/Industrial Maintenance**

**AQUAPON® WB Water Base Epoxy Primer**

**Generic Type**

Waterborne Epoxy Two Component

**Tinting and Base Information**

98-46  
98-99

Light Gray Primer Comp A  
Primer Component B

**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.

**Recommended Uses**

- Aluminum
- Copper
- Steel
- Galvanized Metal

**Features / 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.

**Limitations of 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. AQUAPON® WB Epoxy Primer is intended to be topcoated soon after application. Delays in topcoating increase the probability of intercoat contamination and possible peeling. It is recommended that a test application be used to verify adhesion when topcoating has been delayed. 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. Not intended for residential use. Protect from freezing.

**Product Data**

- Gloss:** Matte
- VOC\*:** 1.72 lbs/gal 206.00 g/L
- Coverage:** 158 to 211 sq ft/gal (15 to 20 sq. m/3.78L)
- DFT:** 3.0 minimum to 4.0 maximum
- Weight/Gallon\*:** 10.9 lbs. (4.9 kg) +/- 0.2 lbs. (91 g)
- Volume Solids\*:** 39.4% +/- 2%
- Weight Solids\*:** 54.5% +/- 2%
- Mix Ratio:** 1 part 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 product

**Drying Time:**

- To Touch: 2.5 hours
- To Handle: 11 hours
- To Recoat: 16 hours

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

**Pot Life:** 6 hours

**Induction Time:** None

**In Service Temperature:**

Dry Heat (F): 250° Dry Heat (C): 121°

**Flash Point:** 98-46 98°F, (36.7°C)  
98-99 200°F, (93°C)

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.

**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 blased to remove contaminants and provide and 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.

### Application Information

#### Recommended Spread Rates:

|              |       |            |       |         |
|--------------|-------|------------|-------|---------|
| Wet Mils :   | 7.6   | minimum to | 10.2  | maximum |
| Wet Microns: | 193.0 | minimum to | 259.0 | maximum |
| Dry Mils :   | 3.0   | minimum to | 4.0   | maximum |
| Dry Microns: | 76.0  | minimum to | 101.0 | 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 gun, with 704 or 777 air cap with E 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 0.015" - 0.017"

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

**Roller:** High Quality Polyester/Nylon Roller

#### Thinning:

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

### Directions for Use

Mix both Components thoroughly before blending. Add Component "B" to Component "A" and blend well using a mechanical mixer. No digestion time is required for this product. The product goes through a lumpy point during mixing that will disapper with continued mixing. 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)

Not all products are available in all sizes.



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

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Additional copies of this bulletin can be obtained from our web site or by calling 1-800-428-7806.

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