



## HPC/Industrial Maintenance

## AQUAPON® 35 Polyamide-Epoxy Gloss

## Generic Type

Polyamide-Epoxy Two Component

## General Description

Recommended for heavy duty service in corrosive industrial atmospheres where a tough, impact, abrasion and mar-resistant coating is needed. Apply over properly prepared and primed steel, galvanized steel or aluminum. Also recommended for use on masonry surfaces, including plaster walls, cement composite board and concrete block.

## Recommended Uses

Aluminum  
Concrete Block (CMU)  
Galvanized Steel  
Masonry  
Steel

## Features / Benefits

Fully 3.5 VOC compliant  
Virtually infinite color capability with PerformaColor® system  
Abrasion and mar resistant  
Excellent chemical resistance  
Spray, brush or roller application

## Limitations of Use

Apply only when air temperature is 60°F (15.6°C) or higher and when surface temperature is at least 5°F (3°C) above the dew point. The solvents contained in Aquapon 35® Gloss Finishes can lift some alkyd, oil based and other coatings that are not resistant to strong solvents. A test patch application is recommended before Aquapon 35 Gloss Finishes are applied to a significant area of an unknown base coat or primer. Not intended for residential use. Drying times listed may vary depending on temperature, humidity and air movement. 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.

## Tinting and Base Information

These products are designed to be tinted with PERFORMACOLOR® colorants. Use formulas from the AQUAPON 35 section of the formula book or from the PERFORMACOLOR Software.

95-1	Porcelain White
95-10	Safety Red
95-1000	Neutral Base - Component A
95-1002	Yellow Base - Component A
95-1010	Neutral/Yellow Base - Component B
95-1012	White Base Component A
95-1022	White Base Component B
95-12	Safety Orange
95-13	Safety Yellow
95-3	Light Gray
95-98	Ready Mix Component B

## Product Data

<b>Gloss:</b>	Gloss: +70 (20° Gloss Meter)
<b>VOC*:</b>	3.31 lbs/gal 397.00 g/L
<b>Coverage:</b>	286 to 430 sq ft/gal (27 to 40 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
<b>DFT:</b>	2.0 minimum to 3.0 maximum
<b>Weight/Gallon*:</b>	10.7 lbs. (4.9 kg) +/- 0.3 lbs. (136 g)
<b>Volume Solids*:</b>	53.6% +/- 2%
<b>Weight Solids*:</b>	69.1% +/- 2%
<b>Mix Ratio:</b>	1 to 1 by Volume
<b>Clean-up:</b>	97-725, 97-734, 97-735, 97-736 PPG Thinners

Results will vary by color, thinning and other additives.

\*Product data calculated on mixed 95-1

## Drying Time:

To Touch:	3 hours
To Handle:	6 hours
To Recoat:	24 hours

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

**Pot Life:** 4 hours

## In Service Temperature:

Dry Heat (F): 250° Dry Heat (C): 121°

**Flash Point:** 95-1 41°F, (5°C)  
95-98 66°F, (19°C)

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## 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. Where appropriate bare areas should be primed with a suitable primer. **WARNING:** Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. **EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN.** Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as properly fitted and approved (e.g., NIOSH-approved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office.

**PREVIOUSLY PAINTED SURFACES:** Old coatings should be tested for adhesion of the existing system and lifting by the proposed topcoat.

**METAL SURFACES:** Metal surfaces must be prepared in accordance with the methods recommended for the selected primer.

**MASONRY SURFACES:** Masonry surfaces must be prepared per the methods described in ASTM D-4259 Standard Practice for Abrading Concrete or ASTM D-4260 Standard Practice for Acid Etching Concrete unless they are currently coated with a well adhered epoxy coating. Epoxy coatings in good condition must be scuff sanded before application of these coatings. A test patch is recommended before repainting any large area.

**HD COATING SYSTEMS:** 70-HD, 313-HD, 322-HD, 350-HD, 391-HD, 394-HD, 396-HD, 422-HD. Refer to PPG High Performance Coatings System in Detail brochure.

## Recommended Primers

Concrete Masonry Units	16-90
Drywall	6-2
Galvanized Steel	95-245
Non-Ferrous Metal	95-245
Ferrous Metal	97-680, 95-245
See Surface Prep Section	General mild environment primer recommendations. For more information call 800-441-9695
Concrete, Stucco, Plaster, Masonry other than CM Unit	Self priming
Wood and Hardboard	Self priming

## Directions for Use

Mix each component thoroughly before blending. Add Component B to the correct Component A and blend well using a mechanical mixer. A 30-minute induction time is required once the two components are combined and mixed thoroughly. Be sure to mix the correct A and B components. Air or airless spray recommended. 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:	70 to 85°F	21 to 29°C
Ambient:	60 to 100°F	0 to 100°C
Substrate:	60 to 100°F	0 to 100°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

## Application Information

## Recommended Spread Rates:

Wet Mills :	3.7	minimum to	5.6	maximum
Wet Microns:	94.0	minimum to	142.2	maximum
Dry Mills :	2.0	minimum to	3.0	maximum
Dry Microns:	50.8	minimum to	76.2	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 704 or 777 air cap with F tip and needle, or comparable equipment. Atomization Pressure: 55 - 70 Fluid Pressure: Can not specify, dependent on numerous factors.

**Airless Spray:** Pressure 1800 psi, tip 0.013" - 0.015"

**Brush:** High Quality Natural Bristle Brush

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

## Thinning:

Thinning will not be required for most applications. If thinning is necessary and permitted by local regulations, the 97-725 Thinner is recommended. The 97-735 Thinner may also be used. Its use provides less HAPS solvents and extends potlife and curing times.

**Packaging:** 1-Gallon (3.78L) 5-Gallon (18.9L)

Not all products are available in all sizes. All containers are not full-filled.



**PPG High Performance Coatings**

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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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