



HPC/Industrial Maintenance

AQUAPON 35 Polyamide Epoxy Gloss

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. **For Professional Use Only; Not Intended for Household Use.**

RECOMMENDED USES

Aluminum	Wood
Concrete Floors	Concrete, Stucco, Plaster, Masonry
Drywall	CMU
Ferrous Metal	Galvanized Steel

FEATURES AND 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
Performance Offset to Federal & Military Standards: TT-C-535, TT-C-550, Mil-C-22750, Mil-P-23377, Mil-P-24441, Mil-C-82407
Meets MPI Category #82, Epoxy Non-slip Coating
Meets MPI Category #98, High Build Epoxy Coating

MIXING AND APPLICATIONS INFORMATION

Mix both components thoroughly before blending. Add the correct Component "B" to Component "A" and blend well using a mechanical mixer.

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: 3/8" nap; solvent resistant core

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: 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.

TINTING AND BASE INFORMATION

95-1	Porcelain White
95-10	Safety Red
95-12	Safety Orange
95-13	Safety Yellow
95-3	Light Gray
95-98	Ready Mix Component B

PRODUCT DATA

PRODUCT TYPE:	Polyamide Epoxy
GLOSS:	Gloss +70 (20° Gloss Meter)
VOC*:	3.31lbs./gal. (397 g/L)
COVERAGE:	286 to 430 sq. ft./gal. (27 to 40 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*:	10.7 lbs.(4.9 kg)+/-0.3 lbs. (136g)
VOLUME SOLIDS*:	53.6% +/- 2%
WEIGHT SOLIDS*:	69.1% +/- 2%
MIXED RATIO:	1 to 1 by Volume

*Product data calculated on mixed product.

Wet Film Thickness:	3.7 to 5.6 mils
Wet Microns:	94 to 142.2
Dry Film Thickness:	2.0 to 3.0 mils
Dry Microns:	50.8 to 76.2
POT LIFE:	4 hours
INDUCTION TIME:	30 minutes
IN SERVICE TEMP.:	Dry Heat 250°F (121°C)
DRYING TIME:	Dry time @77°F (25°C); 50% relative humidity.
To Touch:	2 hours
To Handle:	12 hours
To Recoat:	12 hours

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

CLEANUP: 97-725, 97-734, 97-735, 97-736
PPG Thinners

FLASH POINT: 95-1 41°F (5°C)
95-98 66°F (19°C)

PACKAGING

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

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. Prime bare areas with suitable primer. **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. 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.

ALUMINUM: Solvent Clean per SSPC-SP1 to remove grease and oils.

CMU: Cure for thirty (30) days under normal drying conditions.

CONCRETE FLOORS: Cure for thirty (30) days under normal drying conditions. Acid etch or abrasive blast. See SSPC-SP13.

CONCRETE, STUCCO, PLASTER, MASONRY: Cure for thirty (30) days under normal drying conditions. Concrete which has been treated with curing compounds or hardeners, should be thoroughly abraded.

FERROUS METAL: Commercial Blast Clean per SSPC-SP6. The minimum surface preparation is Hand Tool or Power Tool Clean per SSPC-SP2 or SP3.

GALVANIZED STEEL: Solvent Clean per SSPC-SP1. If any oxidation (white rust) has formed, sand and remove all forms of contamination. If the galvanized has been passivated or stabilized, the surface must be abraded, i.e., Brush-Off Blast Clean per SSPC-SP7 or chemically treat the surface.

WOOD, PLYWOOD: Sand lightly in order to remove surface roughness and loose wood fibers. Then remove all dirt, dust, grime and any other forms of contamination. Remove grease and oils by Solvent Cleaning per SSPC-SP1.

HD COATING SYSTEMS: 70-HD, 296-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 (H13905).

RECOMMENDED PRIMERS

Concrete Masonry Units	16-90, 95-217, 98-685
Galvanized Steel	95-245, 97-145, 97-946
Aluminum	95-245, 97-145, 97-946
Ferrous Metal	97-680, 95-245, 97-145, 97-670, 97-846
Drywall	Self-priming*, or use 6-2
Concrete Floors	Self-priming*
Wood and Hardboard	Self-priming*
Concrete, Stucco, Plaster, Masonry, other than CM Unit	Self-priming*, or use 6-2

*For optimum sheen uniformity over porous substrates, it is recommended that a primer or sealer be used.

LIMITATIONS OF USE

For Professional Use Only; Not Intended for Household 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. Application on wood is limited to incidental or interior application.

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 or by calling 1-800-441-9695.

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