GENERAL DESCRIPTION

AQUAPON® 35 Polyamide-Epoxy Gloss is 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
Concrete Floors
CMU
Concrete, Stucco, Plaster, Masonry
Drywall
Ferrous Metal
Galvanized Steel
Wood

FEATURES / BENEFITS

Fully VOC Compliant 2.83 lbs./gal. (340 g/L)
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

PACKAGING

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

TINTING AND BASE INFORMATION

95-1000	Neutral Base Component A
95-1002	Yellow Base Component A
95-1010	Neutral/Yellow Component B
95-1012	White Base Component A
95-1022	White Base Component B

PRODUCT DATA

PRODUCT TYPE:	Polyamide-Epoxy
SHEEN:	Gloss: +70 (20º Gloss Meter)
CLEAN UP:	97-725, 97-734, 97-735, 97-736 PPG Thinners
VOLUME SOLIDS*:	54.8% +/- 2%
WEIGHT SOLIDS*:	68.3% +/- 2%
MIX RATIO:	1 to 1 by Volume
VOC*:	2.79 lbs./gal. (334 g/L)
COVERAGE*:	292 to 439 sq. ft./gal. (27.1 to 40.8 sq. m/3.78L)
Wet Film Thickness:	3.7 mils to 5.5 mils
Wet Microns:	94.0 minimum to 139.7maximum
Dry Film Thickness:	2.0 mils to 3.0 mils
Dry Microns:	50.8 minimum to 76.2 maximum

Note: Does not include variation due to application methods, surface porosity, and/or mixing.

WEIGHT/GALLON*: 11.2 lbs. (5.1 kg) +/- 0.3 lbs. (136 g)

DRYING TIME: Dry time @77ºF (25ºC); 50% relative humidity.

To Touch:	2 hours
To Handle:	12 hours
To Recoat:	12 hours

POT LIFE: 4 hours
INDUCTION TIME: 30 minutes
IN SERVICE TEMPERATURE:
Dry Heat: 250ºF (121º C)

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

FLASH POINT: 95-1012 54ºF (12.2ºC)
95-1022 68ºF (20ºC)

*Product data calculated on product 95-1012 mixed with 95-1022. Values will vary with color and base used.

AQUAPON® 35 Polyamide-Epoxy Gloss HPC/Industrial Maintenance

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 a 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

Aluminum	95-245, 97-145, 97-946
Concrete Floors	Self Priming
Concrete Masonry Units	16-90, 95-217, 97-685
Concrete, Stucco, Plaster, Masonry other than CM Unit	Self Priming
Ferrous Metal	97-680, 95-245, 97-145, 97-670
Galvanized Steel	95-245, 97-145, 97-946
Wood and Hardboard	Self Priming

LIMITATIONS OF USE

For Professional Use Only; Not Intended for Household Use. Apply only when air temperature is 60ºF (15.6ºC) or higher and when surface temperature is at least 5ºF(3ºC) 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

Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. 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.

APPLICATION INFORMATION

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” 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.

Brush: High Quality Natural Bristle Brush

Roller: 3/8” nap solvent resistant core

Thinning: Thinning will not be required for most application. If thinning is necessary and permitted by local regulations, the 97-725 Thinner is recommended. The 97-735 Thinner may also be used. 97-739 Exempt Thinner must be used to obtain 340 g/L (2.83 lb./gal.) VOC.

PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.ppghpc..com

Technical Services
1-800-441-9695
1-888-807-5123 fax

Architect/Specifier:
1-888-PPG-IDEA

PPG Architectural Finishes
400 S. 13th Street
Louisville, KY 40203

PPG Canada, Inc.
Architectural Coatings
4 Kenview Blvd
Brampton, ON L6T 5E4

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