



HPC/Industrial Maintenance

AQUAPON® Polyamide-Epoxy Block Filler

Generic Type

Polyamide-Epoxy, two component

General Description

A chemical resistant block filler for interior or exterior application. Used for filling porous surfaces of concrete, concrete block, cinder block and similar masonry. Recommended for use on interior or exterior surfaces in high humidity and/or chemical exposure environments.

Tinting and Base Information

Supplied as a white. Tinting in the field is not recommended. May be tinted at the factory to pastel shades. See your PPG AF Sales Representative for details.

97-685	Component A
97-686	Component B

Recommended Uses

- Cinder Block
- Concrete
- Concrete Block (CMU)
- Masonry

Features / Benefits

- Recommended for high humidity and constant moisture areas.
- Resists fumes and most chemical spills.
- 3.5 VOC compliant
- Meets MPI Category #116, Epoxy Block Filler

Limitations of Use

Not intended for immersion service or below grade application. For Professional Use Only; Not Intended for Household Use. It is not a waterproofing compound and is not recommended for use in swimming pools. It must be topcoated. Apply only when air, surface, or product temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point. Moisture content of the surface should be below 8%, particularly in mortar joints. Drying times listed may vary depending on temperature, humidity, color and air movement.

Product Data

Gloss:	Low gloss: Less than 25 (60°Gloss Meter)
VOC*:	3.00 lbs/gal 360.00 g/L
Coverage:	40 to 80 sq ft/gal (4 to 7 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
DFT:	12.0 minimum to 24.0 maximum
Weight/Gallon*:	13.7 lbs. (6.2 kg) +/- 0.5 lbs. (225 g)
Volume Solids*:	58.8% +/- 2%
Weight Solids*:	77.9% +/- 2%
Mix Ratio:	2 parts Comp. A to 1 part Comp. B
Clean-up:	PPG 97-725 Epoxy Thinner

Results will vary by color, thinning and other additives.
*Product data calculated on mixed product

Drying Time:

To Touch:	4 hours
To Handle:	8 hours
To Recoat:	16 hours
Dry Time @77°F (25°C); 50% relative humidity	

Pot Life: 12 hours

In Service Temperature:

Dry Heat (F): 250°	Dry Heat (C): 121°
---------------------------	---------------------------

Flash Point:	97-685 71°F, (22°C)
	97-686 34°F, (1°C)

HPC/Industrial Maintenance

AQUAPON® Polyamide-Epoxy Block Filler

General Surface Preparation

Remove all loose paint. The surface to be coated must be dimensionally stable, dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials. All large voids, cracks, and surface imperfections should be filled with a cement-sand grout. Moisture content of the surface should be below 8% particularly in mortar joints. **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.

HPC Systems in Detail Brochure (H10788) COATING SYSTEMS: 296-HD, 314-HD, 396-HD

For specific recommendations, see your PITTSBURGH® Paints dealer or call 1-800-441-9695.

Recommended Primers

none Self priming on properly prepared surfaces.

Application Information

Recommended Spread Rates:

Wet Mils :	20.0	minimum to	40.0	maximum
Wet Microns:	508.0	minimum to	1,016.0	maximum
Dry Mils :	12.0	minimum to	24.0	maximum
Dry Microns:	304.8	minimum to	609.6	maximum

Application Equipment: Changes in application equipment, pressures and/or tip sizes may be required depending on ambient temperatures and application conditions. 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.

Conventional Spray: Not recommended

Airless Spray: Pressure 2500 psi, tip 0.017" - 0.029"

Brush: Polyester/Nylon Brush

Roller: High Quality Polyester/Nylon Roller

Thinning:

Thinning is not normally required. If VOC regulations permit, and in cases where minimal thinning is needed, up to 12 oz. per gallon of 97-725 Thinner, can be added.

Directions for Use

Mix both components thoroughly before blending. Add Component "B" to Component "A" and blend thoroughly using a mechanical mixer. The sides and bottom of the container must be scraped to be sure all of the material is well mixed with the curing agent. 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 (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 100°F	10 to 38°C

Packaging: 5-Gallon (18.9L)

2-Gallon (7.56L)

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

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.



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

F17 10/2006