

**PITTSBURGH PAINTS**A new generation of paint company
for a new generation.**AQUAPON®****97-685 Series****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.

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

Limitations of Use

Not intended for residential use, immersion service, or below grade application. 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.

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 |

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) |
| 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) |

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.

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.

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. A 30 minute digestion time is required once the two components are combined and mixed thoroughly. 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 |

PPG AF 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: 5-Gallon (18.9L) 2-Gallon (7.56L)

Not all products are available in all sizes.



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PPG Architectural Finishes, Inc.
One PPG Place
Pittsburgh, PA 15272

www.pittsburghpaints.com

Technical Services:
1-800-441-9695
Architect/Specifier:
1-888-774-7732
International Sales:
(412) 434-2049

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