

**PITTSBURGH PAINTS**A new generation of paint company  
for a new generation.**PITT-GLAZE®****16-801/16-802 Series****HPC/Industrial Maintenance****PITT-GLAZE® Water Based Acrylic Epoxy Hi-Gloss****Generic Type**

Water based acrylic epoxy, two component

**General Description**

PITT-GLAZE® Water Based Acrylic Epoxy Enamels are designed to be used on interior surfaces where a durable, highly stain and chemical resistant coating is required. PITT-GLAZE® Epoxy's minimal odor makes it the perfect coating for hospitals, schools, cafeterias, and food processing plants.

**Tinting and Base Information**

Use PITTSBURGH® Paints Custom Colorants and refer to THE VOICE OF COLOR® electronic CD or formula book for tinting instructions. Limit of colorants to be added is 6 1/2 fluid ounces (192.2 mL) total per two U.S. gallon kit.

16-801	Hi-Gloss Component A
16-802	White & Pasel Comp. B Catalyst
16-902	Midtone Comp. B Catalyst

**Recommended Uses**

Aluminum  
Brass, Copper  
Copper  
Drywall  
Masonry  
Plaster  
Galvanized Steel  
Wood Trim

**Features / Benefits**

Water borne formula for low odor and easy clean up.  
Durable high gloss finish stands up to repeated cleaning  
Best for use in high humidity areas

**Limitations of Use**

Apply when air, surface and product temperatures are above 50°F (10°C). Some reduction in gloss may occur in very low humidities or temperatures. Do not apply to new concrete block or masonry areas subject to constant heat and humidity up to 200°F (93°C) and, at or near condensing humidity. Protect from freezing.

**Product Data**

<b>Gloss:</b>	Hi-Gloss: 85 to 100 (60°Gloss Meter)
<b>VOC*:</b>	1.64 lbs/gal 197.00 g/L
<b>Coverage:</b>	280 to 322 sq ft/gal (26 to 30 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
<b>DFT:</b>	2.3 minimum to 2.7 maximum
<b>Weight/Gallon*:</b>	10.7 lbs. (4.9 kg) +/- 0.2 lbs. (91 g)
<b>Volume Solids*:</b>	45.3% +/- 2%
<b>Weight Solids*:</b>	55.8% +/- 2%
<b>Mix Ratio:</b>	1 part Component A to 1 part Component B
<b>Clean-up:</b>	Soap and Water

Results will vary by color, thinning and other additives.

\*Product data calculated on Porcelain White

**Drying Time:**

To Touch:	24 hours
To Handle:	24 hours
To Recoat:	24 hours
Dry Time @77°F (25°C); 50% relative humidity	

**Pot Life:** 6 hours**In Service Temperature:**

Dry Heat (F): 200° Dry Heat (C): 93°

<b>Flash Point:</b>	16-801 150°F, (65.5°C)
	16-802 200°F, (93°C)

## HPC/Industrial Maintenance

## PITT-GLAZE® Water Based Acrylic Epoxy Hi-Gloss

## General Surface Preparation

Surface to be painted must be clean, dry, smooth, and free from dirt, grease, powdery or peeling paint, and other surface contaminants. All cracks and other surface imperfections must be repaired using high quality patching compounds, then allowed to dry thoroughly. Repaired areas should be sanded smooth and then spot-primed. Slick or glossy surfaces of previously applied paint, in sound condition, must be dulled by sanding. Prime all bare wood, plaster, masonry, metal, patched and porous surfaces with the appropriate primer.

**NEW WOOD:** New wood should be sanded smooth and wiped clean. Any knots or resinous areas should be sealed before painting.

Countersink all nails. Putty flush with surface, then prime.

**NEW PLASTER:** Fresh plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 30 days prior to priming with an alkali resistant primer.

**CONCRETE BLOCK, CINDER BLOCK, VERTICAL MASONRY:** New concrete should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-base paint must be prepared with extra care. Such coatings must be completely removed for best results. If the coatings appear to be adhering tightly, a masonry sealer may be applied to seal the surface prior to topcoating. One way to check adhesion is by applying a piece of masking tape. If it peels off easily and has loose particles adhering to it, remove all the chalking or crumbling material before repainting.

**METAL:** Rust and other surface contaminants must be removed from ferrous metals, aluminum, copper, brass, and galvanized steel. Then the surface cleaned thoroughly to remove any dust.

**GALVANIZED STEEL:** Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment.

**WATER-SOLUBLE STAINS:** Apply SEAL-GRIP Primer 17-21 or 17-31, over stained area prior to coating, to avoid bleeding of the stain into the topcoat.

## Recommended Primers

Wood	17-21, 6-6, 6-855
Gypsum Wallboard-Drywall	17-21, 6-2
Aluminum	6-204, 90-712
Ferrous Metal	6-208, 6-212, 90-712
Brass	6-204, 90-712
Concrete Masonry Units, Masonry (Block Fillers)	16-90, 97-686
Galvanized Steel	6-209, 90-712
Plaster	6-603
Copper	6-204, 90-712
Concrete, Masonry (Primers, Sealers)	6-603

## Directions for Use

Tint is added to Component "A" only. This component can then be shaken on a mechanical shaker to disperse colorant. Stir the blended material until uniform using a paint paddle. Do not shake blended material. Allow to digest for 1 hour. 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

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 Mils :	5.0	minimum to	6.0	maximum
Wet Microns:	127.0	minimum to	152.0	maximum
Dry Mils :	2.3	minimum to	3.0	maximum
Dry Microns:	58.0	minimum to	69.0	maximum

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

**Conventional Spray:** 35- DeVilbiss MBC or equivalent, fitted with an MB aircap and AV-15 E air tip. Needle: MBC-444-E

**Airless Spray:** Pressure 1500 psi, tip 0.013" - 0.017"

**Brush:** Polyester/Nylon Brush

**Roller:** 3/16" - 3/8" nap roller cover

## Thinning:

Use as supplied for roller or spray applications. For optimum brushing on smooth plaster or metal surfaces, thin the blended material with one pint (473 mL) of water per U.S. gallon (3.78 L).

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

Not all products are available in all sizes.



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A new generation of paint company  
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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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