



HPC/Industrial Maintenance

PITT-GLAZE® Water Based Acrylic Epoxy Semi-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 durable, highly stain and chemical resistant coatings with minimal odor are required. Common product applications include 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.

16-802	White & Pasel Comp. B Catalyst
16-901	Semi-Gloss Component A
16-902	Midtone Comp. B Catalyst

Recommended Uses

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

Features / Benefits

Water borne formula for low odor and easy clean up.
Durable semi-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. Not recommended for use on floors. Do not use on "yielding" surfaces such as thin metal or on soft plaster. Do not apply directly to block filler which has been modified by adding cement; or to fresh, uncured mortar joints. Protect from freezing.

Product Data

Gloss:	Semi-Gloss: 45 to 60 (60°Gloss Meter)
VOC*:	1.64 lbs/gal 196.00 g/L
Coverage:	280 to 323 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>	
DFT:	2.3 minimum to 2.7 maximum
Weight/Gallon*:	10.1 lbs. (4.6 kg) +/- 0.2 lbs. (91 g)
Volume Solids*:	46% +/- 2%
Weight Solids*:	55% +/- 2%
Mix Ratio:	1 part Component A to 1 part Component B
Clean-up:	Soap and Water

Results will vary by color, thinning and other additives.

*Product data calculated on full formula

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

Flash Point: 16-901 150°F, (65.5°C)
16-902 200°F, (93°C)

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. **WARNING:** Removal of old paint by sanding, scraping or other means may generate dust or fumes which contain lead. EXPOSURE TO LEAD DUST OR FUMES MAY CAUSE ADVERSE HEALTH EFFECTS, ESPECIALLY IN CHILDREN OR PREGNANT WOMEN. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as properly fitted and approved (e.g., NIOSH-approved) respirator and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD or the regional Health Canada office.

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

Concrete Masonry Units, Masonry (Block Fillers)	16-90, 97-685, 97-686
Gypsum Wallboard-Drywall	6-2, 17-21
Aluminum	6-204, 90-712
Brass	6-204, 90-712
Copper	6-204, 90-712
Ferrous Metal	6-208, 6-212, 90-712
Galvanized Steel	6-209, 90-712
Wood	6-6
Concrete, Masonry (Primers, Sealers)	6-603
Plaster	6-603

Directions for Use

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, mix together (box) before applying. 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 Mills :	5.0 minimum to	6.0 maximum
Wet Microns:	127.0 minimum to	152.0 maximum
Dry Mills :	2.3 minimum to	2.7 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: High Quality 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 (3.78L).

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

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



Bulletin: 16-901/16-902

Additional copies of this bulletin can be obtained from our web site or by calling 1-800-428-7806.

PPG Architectural Finishes, Inc. Technical Services: PPG Architectural Coatings -Canada
 One PPG Place 1-800-441-9695 4 Kenview Blvd.
 Pittsburgh, PA 15272 Architect/Specifier: Brampton, Ontario L6T 5E4
 1-888-774-7732 (905) 790-5336
 International Sales: 1-877-238-6441
 (412) 434-2049 Rev. 3/2002

www.pittsburghpaints.com