



HPC/Industrial Maintenance

PITT-GLAZE® WB Water-Borne Acrylic Epoxy

GENERAL DESCRIPTION

PITT-GLAZE® WB Water-Borne Acrylic Epoxy is a two-component epoxy coating for interior use in commercial, institutional and light industrial environments. It is ideal for use in bathrooms, kitchens, hallways and other commercial areas subject to frequent cleaning. With minimal odor, PITT-GLAZE® WB is perfect for hospitals, schools, cafeterias and food processing plants, or any area that cannot be taken out of service for an extended period of time.

RECOMMENDED SUBSTRATES / PROJECTS

Concrete Block (CMU)	Ferrous Metal
Concrete, Stucco, Plaster, Masonry	Galvanized Steel
Drywall	Wood Trim

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:** DeVilbiss MBC gun, or equivalent, fitted with an MB air cap and AV-15 E air tip. Needle: MBC-444-E.

**Airless Spray:** Pressure: 1500 psi, tip 0.013" - 0.017" Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. High pressure injection of coatings into the skin by airless equipment may cause serious injury.

**Brush:** High quality polyester/nylon brush

**Roller:** 3/16" - 3/4" nap roller cover

**Thinning:** Use as supplied for brush, roller or spray application. PITT-GLAZE® WB can be thinned up to one pint (473 mL) of water per U.S. gallon (3.78L).

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

FEATURES AND BENEFITS

- Can earn LEED NC Version 2.2 Credits
- Ideal for commercial and institutional use
- Low odor for minimal down-time
- Durable high gloss finish stands up to repeated cleaning
- Best for use in high humidity areas
- Gloss or semi-gloss
- Cleanup with soap and water
- Easy blending and application

DIRECTIONS FOR USE

Tint Component A only. Then shake on a mechanical shaker to disperse the colorant. Agitate both components separately before blending. For a gloss finish, mix with 16-598; for semi-gloss, mix with 16-599. Add B to A and mix under mechanical agitation. Do not shake blended material.

PRODUCT DATA

**PRODUCT TYPE:** Acrylic Epoxy Water-Borne

**BASE/COLOR:** 16-551 White & Pastel Base- Component A  
 16-556 Midtone Base - Component A  
 16-558 Neutral Base - Component A  
 16-598 High Gloss Component B Curing Agent  
 16-599 Semi-Gloss Component B Curing Agent

**GLOSS:** Gloss 80+; Semi-Gloss 45 to 60 (60° Meter)

**VOC\*:** 1.23 lbs./gal. (148 g/L) for mixed 16-551  
 1.39 lbs./gal. (167 g/L) for mixed 16-556  
 1.53 lbs./gal. (183 g/L) for mixed 16-558

**COVERAGE:** 195 to 295 sq. ft./gal. (18 to 27 sq. m/3.78L)

**Wet Mills:** 5.4 minimum to 8.2 maximum  
**Wet Microns:** 137.2 minimum to 208.3 maximum

**Dry Mills:** 2.0 minimum to 3.0 maximum  
**Dry Microns:** 51.0 minimum to 76.0 maximum

Note: Does not include loss due to varying application method, surface porosity, or mixing.

**DFT:** 2.0 minimum to 3.0 maximum

**WEIGHT/GALLON\*:** 10.1 lbs. (4.6 kg) +/- 0.3 lbs. (126 g)

**VOLUME SOLIDS\*:** 36.8% +/- 2%

**WEIGHT SOLIDS\*:** 48.6% +/- 2%

**MIX RATIO:** 7 parts Component A to 1 part Component B

Results will vary by color, thinning and other additives.  
\*Product data calculated on 16-551 mixed.

**DRYING TIME:** Dry time @77°F (25°C); 50% relative humidity.

To Touch: 30 minutes  
 To Handle: 5 hours  
 To Recoat: 5 hours

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

**POT LIFE:** 36 hours

**INDUCTION TIME:** None

**IN SERVICE TEMPERATURE:** Dry Heat: 200°F (93°C)

**CLEAN UP:** Soap and Water

**FLASH POINT:** Over 200°F, (93°C)

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**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 surfaces with the appropriate 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](http://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.

**CONCRETE, STUCCO, PLASTER, MASONRY OTHER THAN CONCRETE MASONRY UNITS:** Allow all concrete, mortar, plaster, etc. to 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:** Rust and other surface contaminants must be removed.

**ALUMINUM:** Solvent Clean per SSPC-SP1 to remove grease and oils.

**GALVANIZED STEEL:** Caution must be used when selecting coatings for use on 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 or chemical treatment. Solvent Clean per SSPC-SP1 to remove grease and oils. If any oxidation (white rust) has formed, sand and remove all forms of contamination. If the galvanized steel has been passivated or stabilized, the surface must be abraded, i.e. Brush-Off Blast Clean per SSPC-SP7 or chemically treated.

**WOOD, PLYWOOD:** Sand lightly. Remove grease and oils by Solvent Cleaning per SSPC-SP1.

HPC Systems in Detail Brochure (H13095) Coating Systems: 492-HD

**LIMITATIONS OF USE**

Apply when air and product temperatures are above 50°F (10°C) and surface temperatures are at least 5°F (3°C) above the dew point. 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 without the proper primer. Do not use on floors. **PROTECT FROM FREEZING.**

**PACKAGING**

1-Gallon (3.78L)  
5-Gallon (18.9L)  
Pint (473 mL)

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

**RECOMMENDED PRIMERS**

Aluminum	6-204, 90-712 Series
Concrete Masonry Units	6-15, 16-90, 97-685/97-686
Concrete, Stucco, Plaster, Masonry other than CM Unit	4-603, 17-921
Drywall	6-2, 4-603
Ferrous Metal	6-208, 6-212, 90-712 Series
Galvanized Steel	6-209, 90-712 Series
Wood	17-955, 17-956

**TINTING AND BASE INFORMATION**

Use PITTSBURGH® Paints Custom Colorants and refer to the VOICE OF COLOR® formula book for tinting instructions. Tint Component A only.

**SAFETY**

Proper safety procedures should be followed at all times while handling this product. **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](http://www.ppghpc.com) or by calling 1-800-441-9695.

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.



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