



HPC/Industrial Maintenance

PITTSBURGH® Paints Epoxy Surfacer

Generic Type

Epoxy-Polyamine Two Component

Tinting and Base Information

Do Not Tint	
UC65379	White Component A
UC65380	Light Gray Component A
UC65381	Component B Catalyst

General Description

Recommended as a high-build primer/topcoat for use where a tough, chemical resistant coating is required. Product is self-priming and suited for application to piping, equipment, structural steel, concrete floors and walls. Ultra high build coating allows for one coat primer and top coat coverage in hard to paint areas.

Recommended Uses

- Concrete Floors
- Walls
- Steel

Features / Benefits

Ultra high-build capability, up to 50 mils.
Excellent chemical resistance

Limitations of Use

Not intended for residential use. Apply only when air, product and surface temperatures are above 50°F (10°C) and surface temperature is at least 5°F (3°C) above the dew point. Not recommended for immersion in strong acids. May chalk in exterior exposures.

Product Data

Gloss:	Semi-gloss
VOC*:	2.64 lbs/gal 317.00 g/L
Coverage:	30 to 185 sq ft/gal (3 to 17 sq. m/3.78L)

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

DFT:	8.0 minimum to 50.0 maximum
Weight/Gallon*:	14.0 lbs. (6.4 kg) +/- 0.5 lbs. (227 g)
Volume Solids*:	92.3% +/- 2%
Weight Solids*:	95.9% +/- 2%
Mix Ratio:	3.4 parts Comp. A to 1 part Comp. B
Clean-up:	97-737 PPG Thinner or MEK

Results will vary by color, thinning and other additives.

*Product data calculated on mixed UC65379

Drying Time:

To Touch:	4 hours
To Handle:	8 hours
To Recoat:	Two days

Dry Time @77°F (25°C); 50% relative humidity

Pot Life: 2 hours

In Service Temperature:

Dry Heat (F): 350° Dry Heat (C): 177°

Flash Point:	UC65379 126°F, (52°C)
	UC65381 200°F, (93°C)

The surface to be coated must be dimensionally stable, dry, clean, and free of oil, grease, release agents, curing compounds, and other foreign materials. The recommended surface preparation for steel surfaces is SSPC-SP6 Commercial Blast. All surfaces shall be clean and dry prior to application of any coating materials.

PREVIOUSLY PAINTED SURFACES: Old coatings should be tested for adhesion of the existing system and lifting by the proposed topcoat.

Recommended Primers

none See Surface Preparation Recommendations.

Application Information

Recommended Spread Rates:

Wet Mils :	8.7	minimum to	54.2	maximum
Wet Microns:	221.0	minimum to	1,377.0	maximum
Dry Mils :	8.0	minimum to	50.0	maximum
Dry Microns:	203.0	minimum to	1,270.0	maximum

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

Conventional Spray: Fluid Nozzle: tip size .073" Atomization Pressure: 30 - 60 PSIG Fluid Pressure: Can not specify, dependent on numerous factors.

Airless Spray: Pressure 2500 - 4000 psi, tip .015" - .031"

Brush: High Quality Natural Bristle Brush

Roller: 3/8" nap solvent resistant core

Thinning:

Where permitted by VOC regulations, thin up to 56 oz. per gallon with the appropriate thinner as required for the application. At temperatures of 50 - 85 deg F, thin with 97-737. At temperatures of 86 - 100 deg F, thin with MEK.

Directions for Use

Mix both components thoroughly before blending. Add UC65381 to UC65379 or UC65380 and mix thoroughly with a mechanical mixer. No digestion is required. 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 130°F	10 to 54°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

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

Not all products are available in all sizes.



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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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