

**HPC/Industrial Maintenance****PITTHANE® Semi-Gloss Urethane Enamels****Generic Type**

Acrylic Aliphatic Urethane

Tinting and Base Information

These products are designed to be tinted with colorants from the PerformaColor® System. Use formulas from the Pitthane® Semi-Gloss section of the formula book or from the PerformaColor System Software. Do not tint with 96 line custom colorants.

95-8600	Neutral Base
95-8612	White Base
95-869	Component B Catalyst

General Description

Pitthane Semi-Gloss Urethane Enamels are recommended as topcoats in coating systems where semi-gloss appearance and delayed onset of chalking are desired. They also provide good chemical resistance.

Recommended Uses

Aluminum
Concrete
Steel
Galvanized Steel

Features / Benefits

Fully 3.5 VOC compliant
Virtually infinite color capability with PerformaColor system
Superior chemical resistance
Mar & abrasion resistant
Spray, brush or roller application
Semi gloss finish
Excellent gloss & color retention

Limitations of Use

Apply only when air temperature is 40°F (4°C) or higher and when surface temperature is at least 5°F (3°C) above the dew point. The solvents contained in Pitthane® Semi-Gloss Urethane Enamels can lift some alkyd, oil based and other coatings that are not resistant to strong solvents. A test patch application is recommended before Pitthane Semi-Gloss Urethane Enamel is applied to a significant area of an unknown base coat or primer. Not recommended for immersion service. Not intended for residential use.

Product Data

Gloss:	Semi-Gloss: 25 to 45 (60°Gloss Meter)
VOC*:	3.01 lbs/gal 361.00 g/L
Coverage:	436 to 581 sq ft/gal (40 to 54 sq. m/3.78L)
<i>Note: Does not include loss due to varying application method, surface porosity, or mixing.</i>	
DFT:	1.5 minimum to 2.0 maximum
Weight/Gallon*:	12.1 lbs. (5.5 kg) +/- 0.3 lbs. (136 g)
Volume Solids*:	54.3% +/- 2%
Weight Solids*:	73.1% +/- 2%
Mix Ratio:	4 Parts Comp. A to 1 part Comp. B
Clean-up:	97-725, 97-727 PPG Thinners

Results will vary by color, thinning and other additives.

*Product data calculated on mixed 95-8612

Drying Time:

To Touch:	2 hours
To Handle:	18 hours
Dry Time @77°F (25°C); 50% relative humidity	

Pot Life: 3 hours

In Service Temperature:

Dry Heat (F): 275° Dry Heat (C): 135°

Flash Point:	95-8612 104°F, (40°C)
	95-869 91°F, (32.8°C)
	95-8600 104°F, (40°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. Where appropriate bare areas should be primed with a suitable primer.

PREVIOUSLY PAINTED SURFACES: Old coatings should be tested for adhesion of the existing system and lifting by the proposed topcoat. HPC Systems in Detail Brochure (H10788) COATING SYSTEMS: 313-HD, 323-HD, 331-HD, 423-HD, 435-HD.

Recommended Primers

Galvanized Steel	95-245
Non-Ferrous Metal	95-245
Ferrous Metal	97-680, 95-245
Concrete, Stucco, Plaster, Masonry other than CM Uni	16-90, 97-685/97-686
Concrete Block	95-245

Directions for Use

Mix Component "A" thoroughly before blending. (If 97-722 Accelerator is used, add it to the "A" Component and mix well prior to the addition of the "B" Component). Add Component "B" to Component "A" and mix well. A mechanical mixer is recommended. Air or airless spray recommended. 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:	60 to 90°F	16 to 32°C
Ambient:	40 to 100°F	4 to 38°C
Substrate:	40 to 100°F	4 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

Application Information

Recommended Spread Rates:

Wet Mils :	2.8 minimum to	3.7 maximum
Wet Microns:	71.1 minimum to	94.0 maximum
Dry Mils :	1.5 minimum to	2.0 maximum
Dry Microns:	38.1 minimum to	50.8 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: DeVilbiss MBC gun, with 704 or 777 air cap with F tip and needle, or comparable equipment. Atomization Pressure: 55 - 70 Fluid Pressure: Can not specify, dependent on numerous factors.

Airless Spray: Pressure 1800 psi, tip 0.013" - 0.015"

Brush: High Quality Natural Bristle Brush

Roller: 3/8" nap solvent resistant core

Thinning:

Thinning will not be required for most applications. If thinning is necessary and permitted by local regulations, small amounts of 97-727 or 97-730 Thinner (for spray), or 97-735 Thinner (for roller) may be used. The 97-734 Thinner may also be used for added open time.

Packaging: 1-Gallon (3.78L) 5-Gallon (18.9L)
Quart (946 mL)

Not all products are available in all sizes.



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