

**PITTSBURGH PAINTS**A new generation of paint company
for a new generation.**PITTHANE®****95-8400 Series****HPC/Industrial Maintenance****PITTHANE® High Build Acrylic Aliphatic Urethane****Generic Type**

Acrylic Aliphatic Urethane

General Description

Recommended for application on properly primed steel, aluminum, and masonry where excellent chemical resistance, gloss and color retention are required. These products are for use in commercial and industrial applications.

Tinting and Base Information

These products are designed to be tinted with colorants of the PerformaColor System. Use formulas from the Pitthane High Build section of the formula book or from the PerformaColor System Software.

95-8400

Neutral Base

95-8412

White Base

95-849

Component B Catalyst

Recommended Uses

Aluminum
Masonry
Steel

Features / Benefits

Fully 3.5 VOC compliant
Virtually infinite color capability with PerformaColor system
Superior chemical resistance
Mar & abrasion resistant
High build application for fast work
Excellent gloss & color retention

Limitations of 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. Curing is retarded below 60°F (15°C). Paint only in dry weather. Avoid painting in direct sunlight and extremes of temperatures. Avoid painting late in the day when dew or condensation are likely to form or when rain is threatening. These products are not recommended for use on swimming pools or for below grade applications involving possible hydrostatic pressure. Not intended for residential use. Not for immersion service.

Product Data**Gloss:** Gloss: 65 to 85 (60° Gloss Meter)**VOC*:** 3.15 lbs/gal 378.00 g/L**Coverage:** 227 to 303 sq ft/gal (21 to 28 sq. m/3.78L)*Note: Does not include loss due to varying application method, surface porosity, or mixing.***DFT:** 3.0 minimum to 4.0 maximum**Weight/Gallon*:** 12.4 lbs. (5.6 kg) +/- 0.3 lbs. (136 g)**Volume Solids*:** 56.7% +/- 2%**Weight Solids*:** 74.5% +/- 2%**Mix Ratio:** 9 parts Comp. A to 1 part Comp. B**Clean-up:** 97-725, 97-728 PPG Thinners

Results will vary by color, thinning and other additives.

*Product data calculated on mixed 95-8412

Drying Time:

To Touch: 3 hours

To Handle: 15 hours

Dry Time @77°F (10°C); 50% relative humidity

Pot Life: 4 hours**In Service Temperature:**

Dry Heat (F): 250° Dry Heat (C): 121°

Flash Point: 95-8412 76°F, (24.4°C)

95-849 91°F, (32.8°C)

95-8400 72°F, (22.2°C)

HPC/Industrial Maintenance

PITTHANE® High Build Acrylic Aliphatic Urethane

General Surface Preparation

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: 229-HD, 230-HD, 430-HD

Recommended Primers

Aluminum	95-245
Steel	97-680, 95-245
Concrete, Smooth Masonry	95-245
See Surface Prep Section	Refer to HD Coating Systems.

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. A digestion time of 30 minutes is required. 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	15 to 32°C
Ambient:	50 to 100°F	10 to 38°C
Substrate:	50 to 130°F	10 to 54°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 :	5.3	minimum to	7.1	maximum
Wet Microns:	134.6	minimum to	180.3	maximum
Dry Mils :	3.0	minimum to	4.0	maximum
Dry Microns:	76.2	minimum to	101.6	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 gun, with 704 or 777 air cap with E tip and needle, or comparable equipment. Atomization Pressure: 55 - 70 Fluid Pressure: Can not specify, dependent on numerous factors.

Airless Spray: Pressure 1500 psi, tip 0.015" - 0.017"

Brush: Not Recommended

Roller: Not Recommended.

Thinning:

Thinning will not be required for most applications. If thinning is necessary and permitted by local regulations, small amounts of 97-730 Thinner or 97-727 Thinner can be used to aid atomization in cool weather and 97-734 Thinner may be used to increase open time in hot weather.

Packaging: 5-Gallon (18.9L)

Quart (946 mL)

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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