

**PITTSBURGH PAINTS**A new generation of paint company  
for a new generation.**PITTSBURGH® Paints****7-824 Series****Architectural Coatings****PITTSBURGH® Paints Int. Industrial Enamel Lo-Lustre Oil****Generic Type**

Alkyd/Oil Resin

**Tinting and Base Information**

Use PITTSBURGH® Paints Custom Colorants and refer to THE VOICE OF COLOR® electronic CD or formula book for tinting instructions.

7-824	White and Pastel Mixing Base
7-825	Midtone Mixing Base
7-826	Deeptone Mixing Base
7-827	Neutral Mixing Base

**General Description**

Industrial Enamels are for industrial use and may be used on properly prepared and properly primed interior surfaces of wood, metal, masonry, plaster, and composition board. Recommended for use on floors and machinery.

**Recommended Uses**

Machinery  
Masonry  
Metal  
Plaster  
Wood

**Features / Benefits**

Full color tinting capability.  
Fully 3.5 VOC compliant  
Durable interior lo-lustre finish

**Limitations of Use**

Apply when air, product and surface temperatures are 50°F (10°C) or above. Not recommended for use on floors. **IMPORTANT:** All oil based alkyd products change color with age. The yellow discoloration is most visible in whites and light colors. PITTSBURGH® Paints latex products are recommended when yellowing is a concern.

**Product Data**

<b>Gloss:</b>	Lo-Lustre: 20 to 30 (60°Gloss Meter)
<b>VOC*:</b>	2.95 lbs/gal (354.00 g/L)
<b>DFT:</b>	1.70 minimum to 2.00 maximum mils
<b>Coverage:</b>	398 to 495 sq. ft./gal. (37 to 46 sq. m/3.78L)

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

<b>Volume Solids*</b>	53.6% +/- 2.0%
<b>Weight Solids*:</b>	75.8% +/- 2.0%

<b>Viscosity:</b>	80 to 90 ku
<b>Weight/Gallon:</b>	12.2 lbs. (5.5 kg) +/- 0.2 lbs. (91 g)
<b>Cleanup*:</b>	Leptyne Paint Thinner 21-263

\*Product data calculated on product 7-824.

**Drying Time:**

To Touch:	4 hours
To Handle:	7 hours
To Recoat:	24 hours

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

**Flash Point:** 120°F, (49°C)

## Architectural Coatings

## PITTSBURGH® Paints Int. Industrial Enamel Lo-Lustre Oil

## 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.

**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

Aluminum	6-209, 90-712
Plaster	6-603
Ferrous Metal	6-208, 6-212, 90-712
Galvanized Steel	6-209, 90-712
Gypsum Wallboard-Drywall	17-21, 6-2
Brass	6-204, 90-712
Copper	6-204, 90-712
Concrete Masonry Units, Masonry (Block Fillers)	6-12, 6-7
Concrete, Masonry (Primers, Sealers)	6-603
Wood	17-21, 6-6, 6-855

## 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 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.

## Application Information

## Recommended Spread Rates:

Wet Mils :	3.2 minimum to	4.0 maximum
Wet Microns:	81.3 minimum to	94.8 maximum
Dry Mils :	1.7 minimum to	2.0 maximum
Dry Microns:	43.2 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.

**Airless Spray:** Pressure 2000 psi, tip 0.015" - 0.021"

**Brush:** Polyester/Nylon Brush

**Roller:** 3/16" - 3/8" nap roller cover

## Thinning:

DO NOT THIN.

**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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