

**PITTSBURGH® PAINTS**A new generation of paint company
for a new generation.**PITTSBURGH® Paints****7-282 Series****Architectural Coatings****PITTSBURGH® Paints Int/Ext Industrial Gloss Oil****Generic Type**

Alkyd/Oil Resin

General Description

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

Recommended Uses

Floors
Machinery
Masonry
Metal
Plaster
Wood

Features / Benefits

Full color tinting capability.
Fully 3.5 VOC compliant
Durable interior/exterior gloss finish

Limitations of Use

Apply when air, surface and product temperatures are above 50°F (10°C) and surface temperatures is at least 5°F (3° deg C) above the dew point. Avoid exterior painting late in the day when dew and condensation are likely to form or if rain is threatening. Some surfaces coated with these products may become slippery when wet, Exercise Caution. **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.

Tinting and Base Information

Use PITTSBURGH® Paints Custom Colorants and refer to THE VOICE OF COLOR® electronic CD or formula book for tinting instructions. Ready-mixed colors are also available.

7-282	Super White
7-801	Brilliant Red (Safety Red)
7-803	Regal Blue (Safety Blue)
7-804	Safety Green
7-805	Blaze Orange (Safety Orange)
7-806	Vista Green
7-808	Safety Yellow
7-809	Black
7-814	Pastel Base
7-815	Midtone Base
7-816	Deeptone Base
7-817	Deep Rustic Base

Product Data

Gloss:	Gloss: 80 to 100 (60° Gloss Meter)
VOC*:	3.08 lbs/gal (370.00 g/L)
DFT:	1.70 minimum to 2.00 maximum mils
Coverage:	400 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.

Volume Solids*	52% +/- 2.0%
Weight Solids*	68% +/- 2.0%
Viscosity:	80 to 90 ku
Weight/Gallon:	9.6 lbs. (4.4 kg) +/- 0.2 lbs. (91 g)
Cleanup*:	Leptyne Paint Thinner 21-263

*Product data calculated on product full formula.

Drying Time:

To Touch:	3 hours
To Handle:	5 hours
To Recoat:	24 hours
To Full Cure:	30 days

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

Flash Point: 110°F, (43°C)

Architectural Coatings

PITTSBURGH® Paints Int/Ext Industrial Gloss Oil

General Surface Preparation

Surface to be painted must be clean, dry, and free of dirt, loose and peeling paint, mildew, chalk, grease, rust, and other surface contaminants.

Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Prime all bare wood, metal, and porous surfaces with the appropriate primer. On exterior surfaces, remove and inhibit regrowth of mildew by using MILDEW CHECK® Multi-Purpose Wash, 18-1, by PITTSBURGH® Paints. Before use, be sure to read and follow the instructions and warnings on the label.

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.

PREVIOUSLY PAINTED WOOD: All excessive chalking must be removed and the surface rinsed thoroughly. Remove all loose, peeling, or flaking paint by scraping or sanding. Feather back all rough edges to sound surface by sanding. Prime all bare wood areas.

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 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
Interior Wood	17-21, 6-6, 6-855
Galvanized Steel	6-209, 90-712
Gypsum Wallboard-Drywall	17-21, 6-2
Concrete Masonry Units, Masonry (Block Fillers)	6-12, 6-7
Concrete, Masonry (Primers, Sealers)	6-603, 6-855
Exterior Wood	6-809, 6-9, 17-21

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 Mills :	3.2 minimum to	4.0 maximum
Wet Microns:	81.3 minimum to	101.6 maximum
Dry Mills :	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 1850 psi, tip, 0.013 - 0.019"

Brush: High Quality Polyester/Nylon Brush

Roller: High Quality 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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