



PITTSBURGH PAINTS

A new generation of paint company
for a new generation.

PITTSBURGH® Paints

7-374 Series

Architectural Coatings

PITTSBURGH® Paints Int/Ext Semi-Gloss Acrylic Metal Finish

Generic Type

Tinting and Base Information

Acrylic Latex

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

7-374	White and Pastel Mixing Base
7-375	Midtone Mixing Base
7-376	Deeptone Mixing Base
7-377	Deep Rustic Mixing Base

General Description

Acrylic Metal Finish is formulated especially for use as a topcoat for direct application to most properly prepared interior or exterior metal surfaces. This product also can be used on concrete, masonry, plaster, drywall, and incidental wood surfaces.

Recommended Uses

- Concrete
- Exterior Surfaces of Wood
- Masonry
- Metal
- Plaster
- Incidental Wood

Product Data

Gloss:	Semi-Gloss: 55 to 75 (60°Gloss Meter)
VOC*:	0.64 lbs/gal (76.80 g/L)
DFT:	1.40 minimum to 3.00 maximum mils
Coverage:	194 to 398 sq. ft./gal. (18 to 37 sq. m/3.78L)

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

Volume Solids*	33.8% +/- 2.0%
Weight Solids*:	46.2% +/- 2.0%
Viscosity:	82 to 90 ku
Weight/Gallon:	10.2 lbs. (4.6 kg) +/- 0.2 lbs. (91 g)
Cleanup*:	Soap and Water

*Product data calculated on product 7-374.

Features / Benefits

- Formulated especially as a metal topcoat.
- Excellent color & gloss retention
- Apply down to 50°F.
- Waterborne acrylic metal topcoat.

Drying Time:

To Touch:	1 hour
To Handle:	4 hours
To Recoat:	4 hours

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

Flash Point: Over 200°F, (93°C)

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°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. Protect from freezing. Not for use in immersion service nor in areas which are constantly damp or wet. Do not use on floors, decks, steps or other underfoot areas. Two coats may be required when a dramatic color change is made.

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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	6-204, 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 while applying. Work from unpainted area into painted area. Avoid excessive brushing and reworking of painted area. Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat. 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 available through our website or by

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 :	4.0 minimum to	8.9 maximum
Wet Microns:	102.0 minimum to	226.0 maximum
Dry Mils :	1.4 minimum to	3.0 maximum
Dry Microns:	36.0 minimum to	76.2 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: 2800 psi, tip 0.015" - 0.019"

Brush: Nylon Brush

Roller: High Quality Roller Cover

Thinning:

If thinning is necessary, add water sparingly.

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

Not all products are available in all sizes.



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