



PITTSBURGH PAINTS

A new generation of paint company
for a new generation.

PITTSBURGH® Paints

3-510 Series

Architectural Coatings

PITTSBURGH® Paints Floor, Porch & Deck Satin Latex

Generic Type

Urethane Modified / 100% Acrylic Latex

General Description

Our premium acrylic Floor, Porch and Deck Enamel is formulated to meet the performance requirements of the residential and commercial markets. The 100% acrylic composition provides a durable, flexible finish with scuff resistance to underfoot abrasion. Ideal for concrete basement floors, walls, patios, lawn furniture and decks.

Recommended for use on properly prepared interior and exterior wood, primed metal and cured masonry.

Recommended Uses

Decks
Floors
Patios
Porches
Steps

Features / Benefits

Durable 100% Acrylic Formula
Excellent Adhesion
Scuff- and Abrasion-Resistant
Washable
Smooth, Satin Finish
Soap and Water Clean-Up
Tintable to Hundreds of Colors in THE VOICE OF COLOR®
Design Collection

Limitations of Use

Apply when air, surface and product temperatures are above 50°F (10°C) and at least 5°F (3°C) above the dew point. Avoid exterior painting late in the day when dew or condensation are likely to form, or if rain is threatening. Some surfaces coated with these products may become slippery when wet, EXERCISE CAUTION. Do not use on surfaces that are constantly damp. Not recommended for use in tire lane areas of garage floors or carports. Protect from freezing.

Tinting and Base Information

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

3-510	White and Pastel Base
3-515	Midtone Base
3-516	Deeptone Base
3-517	Dixie Gray
3-518	Pewter Gray
3-523	Walnut
3-524	Tile Red

Product Data

Gloss:	Satin: 5 to 15 (60°Gloss Meter)
VOC*:	0.98 lbs/gal (118.00 g/L)
DFT:	0.90 minimum to 1.20 maximum mils
Coverage:	400 to 500 sq. ft./gal. (37 to 46 sq. m/3.78L)
<small>Note: Does not include loss due to varying application method, surface porosity, or mixing.</small>	
Volume Solids*:	29.4% +/- 2.0%
Weight Solids*:	42.1% +/- 2.0%
Viscosity:	85 to 95 KU
Weight/Gallon:	10.3 lbs. (4.7 kg) +/- 0.2 lbs. (91 g)
Cleanup*:	Soap and Water

*Product data calculated on product 3-510.

Drying Time:

To Touch:	1 hours
To Handle:	2 hours
To Recoat:	16 hours
To Full Cure:	7 days

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

Flash Point: Over 200°F, (93°C)

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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.

NEW CONCRETE FLOORS: It is preferred that new concrete floors be aged or weathered 3 to 6 months before painting. If this is not possible, muriatic acid etching is recommended for all unpainted, new or smooth concrete floors. After the etched surface has dried (less than 15% moisture), sweep or vacuum clear to remove all loose material. Some new concrete may have a surface coating applied or may contain additives which speed up the cure and harden the surface. Such material must be removed by mechanical methods. Thoroughly vacuum the surface to remove all dust, and fine material.

PREVIOUSLY PAINTED CONCRETE FLOORS: Previously coated and used concrete must be cleaned and degreased. Scrub the area well and flush with water. Continue to wash until water does not bead on the cleaned surface. Sand to remove glass. Allow the floor to dry completely. Remove the old paint when pulling is occurring.

ACID ETCHING: It should be realized that the chemical reaction between cement and muriatic acid is a vigorous reaction which gives off significant bubbling. **DANGER:** Muriatic acid is an aqueous solution of approximately 35% hydrochloric acid, capable of causing severe chemical burns when in contact with the skin or eyes. Follow manufacturer's recommended safety procedures and instructions.

METAL: Rust and other surface contaminants must be removed from ferrous metals, aluminum, copper, brass, and galvanized steel. Then the surface must be 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.

Recommended Primers

Aluminum	6-204, 90-712
Exterior Wood	1-70, 77-109, 72-1, 17-21
Galvanized Steel	6-209, 9-712
Interior Wood	6-855, 6-6, 17-21
Ferrous Metal	6-208, 6-212, 90-712
Concrete Floors	Topcoat reduced with 1 pt

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 :	0.9 minimum to	1.2 maximum
Dry Microns:	22.9 minimum to	30.5 maximum

Application Equipment: Apply with a high quality brush, roller, paint pad, or by spray equipment. Where necessary, apply a second coat.

Brush: Polyester/Nylon Brush

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

Thinning:

Thinning is not required. However, for the first coat over a new or porous substrate, 1/4 pint (118 mL) of water per U.S. gallon (3.78 L) may be added.

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.

Packaging: 1-Gallon (3.78L)
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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