

**PITTSBURGH® PAINTS**A new generation of paint company  
for a new generation.**PITTSBURGH® Paints****54-452 Series****Architectural Coatings****PITTSBURGH® Paints Int/Ext Gloss Oil****Generic Type****Tinting and Base Information**

Urethane Modified / Alkyd Resin

**General Description**

Our premium gloss alkyd formulated to meet the performance requirements of the residential and commercial markets. Its' alkyd technology provides a tough, durable finish on hard-use surfaces that require high gloss finishes, like lawn and porch furniture, machinery, garden equipment, and floors. PITTSBURGH® Paints Interior/Exterior Gloss Oil has excellent flow and leveling, adhesion and scrubability. Recommended for use on properly prepared and primed or previously painted interior and exterior surfaces of wood, metal, brick, cement block, wallboard, cured concrete, plaster, and masonry surfaces.

**Recommended Uses**

Bathroom Walls  
Floors  
Kitchen Walls  
Lawn Furniture  
Machinery  
Trim

**Features / Benefits**

Excellent Adhesion  
Tough, High Gloss Finish  
Fade and Chalk Resistant  
Excellent Scrubbability  
Available in More Than 1,800 Colors from THE VOICE OF COLOR® Design Collection

**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. Avoid painting late in the day when dew or condensation are likely to form or when rain is threatening. **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.

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

54-150	Midtone Mixing Base
54-200	Deeptone Mixing Base
54-300	Deep Rustic Mixing Base
54-302	Brilliant Yellow
54-305	Ivy Green
54-306	Brilliant Red
54-309	Gloss Black
54-310	Regal Blue
54-313	Blaze Orange
54-321	Autumn Brown
54-330	Safety Yellow
54-410	Pastel Mixing Base
54-452	Super White

**Product Data**

<b>Gloss:</b>	Gloss: 85 to 100 (60° Gloss Meter)
<b>VOC*:</b>	3.08 lbs/gal (370.00 g/L)
<b>DFT:</b>	1.70 minimum to 2.10 maximum mils
<b>Coverage:</b>	400 to 500 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>	52% +/- 2.0%
<b>Weight Solids*:</b>	68% +/- 2.0%
<b>Viscosity:</b>	80 to 95 KU
<b>Weight/Gallon:</b>	9.6 lbs. (4.4 kg) +/- 0.2 lbs. (91 g)
<b>Cleanup*:</b>	Leptyne Paint Thinner 21-263

\*Product data calculated on product 54-452.

**Drying Time:**

To Touch:	5 hours
To Handle:	8 hours
To Recoat:	24 hours
To Full Cure:	30 days

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

**Flash Point:** 110°F, (43.3°C)

## Architectural Coatings

## PITTSBURGH® Paints Int/Ext 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 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.

**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

Exterior Wood	6-809, 6-9, 6-609, 17-21
Galvanized Steel	6-209, 90-712
Interior Wood	6-855, 6-6, 17-21
Ferrous Metal	6-208, 6-212, 90-712
Aluminum	6-204, 90-712
Gypsum Wallboard-Drywall	6-2, 17-21
Plaster	6-603
Concrete Masonry Units, Masonry (Block Fillers)	6-7, 6-12
Concrete, Masonry (Primers, Sealers)	6-603, 6-808

## 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	2.1 maximum
Dry Microns:	43.2 minimum to	53.3 maximum

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

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

**Brush:** High Quality Natural Bristle Brush

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

## Thinning:

DO NOT THIN.

**Packaging:** 1-Gallon (3.78L)  
Quart (946 mL)

Not all products are available in all sizes.



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A new generation of paint company  
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PPG Architectural Finishes, Inc.  
One PPG Place  
Pittsburgh, PA 15272

[www.pittsburghpaints.com](http://www.pittsburghpaints.com)

Technical Services:  
1-800-441-9695  
Architect/Specifier:  
1-888-774-7732  
International Sales:  
(412) 434-2049

PPG Coatings, Inc.  
Coatings and Resins Group  
5546 Timberlea Blvd.  
Mississauga, Ontario L4W2T7  
(905) 238-6441

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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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