



PITTSBURGH PAINTS

A new generation of paint company
for a new generation.

SUN-PROOF®

1-45 Series

Architectural Coatings

SUN-PROOF® Exterior House and Trim Gloss Oil

Generic Type

Alkyd-Oil Resin

Tinting and Base Information

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

1-110	White and Pastel Base
1-150	Midtone Base
1-200	Deeptone Base
1-300	Deep Rustic Base
1-302	New England Red
1-341	Copper Verde
1-351	Black
1-45	One Coat White

General Description

Our premium exterior alkyd formulated to meet the performance requirements of the residential and commercial markets. The alkyd composition of SUN-PROOF® Exterior House & Trim Gloss Oil provides a tough, durable finish with excellent hiding and adhesion. Added mildewcide provides mildew resistance on the paint film. Recommended for use on properly prepared primed or previously painted wood, brick, cement-composition, siding, cured masonry, and metal surfaces.

Recommended Uses

Doors
Primed Metal
Windows
Trim
Wood Siding

Product Data

Gloss:	Gloss: 70 to 80 (60° Gloss Meter)
VOC*:	2.77 lbs/gal (332.00 g/L)
DFT:	1.80 minimum to 2.30 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*	57.2% +/- 2.0%
Weight Solids*:	74.3% +/- 2.0%
Viscosity:	80 to 90 KU
Weight/Gallon:	10.8 lbs. (4.9 kg) +/- 0.2 lbs. (91 g)
Cleanup*:	Leptyne Paint Thinner 21-263

*Product data calculated on product 1-45.

Features / Benefits

Excellent Hiding
Excellent Adhesion
Mildew Resistant on the Paint Film
Excellent Gloss Retention
Highly Chalk Resistant
Fade Resistant
Excellent Flow & Leveling
Available in More than 1,800 Colors in THE VOICE OF COLOR® Design Collection

Drying Time:

To Touch:	6 hours
To Handle:	9 hours
To Recoat:	24 hours
To Full Cure:	30 days

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

Flash Point: 115°F, (46°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 painting late in the day when dew and condensation are likely to form or if rain is threatening. Not recommended for use on steps, walkways, or other foot or vehicle traffic areas.

Architectural Coatings

SUN-PROOF® Exterior House and Trim 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. 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.

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

Wood	1-70, 77-109
Aluminum	6-204, 90-712
Ferrous Metal	6-208, 6-212, 90-712
Galvanized Steel	6-209, 90-712
Hardboard	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 Mil : 3.2 minimum to 4.0 maximum	Wet Mil : 3.2 minimum to 4.0 maximum
Wet Microns : 81.3 minimum to 101.6 maximum	Wet Microns : 81.3 minimum to 101.6 maximum
Dry Mil : 1.8 minimum to 2.3 maximum	Dry Mil : 1.8 minimum to 2.3 maximum
Dry Microns : 45.7 minimum to 58.4 maximum	Dry Microns : 45.7 minimum to 58.4 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.



PITTSBURGH PAINTS
A new generation of paint company
for a new generation.

PPG Architectural Finishes, Inc.
One PPG Place
Pittsburgh, PA 15272

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

Bulletin: 1-45

Additional copies of this bulletin can be obtained from our web site or by calling 1-800-428-7806.

Rev. 3/2000