



PITTSBURGH PAINTS

A new generation of paint company
for a new generation.

SUN-PROOF®

78-45 Series

Architectural Coatings

SUN-PROOF® Exterior House and Trim Semi-Gloss Latex

Generic Type

100% Acrylic Latex

General Description

Our premium exterior 100% acrylic specially formulated to meet the performance requirements of the residential and commercial markets. SUN-PROOF® Exterior Semi-Gloss provides excellent durability from its' 100% acrylic formula. SUN-PROOF® has excellent mildew resistance on the paint film, adhesion to glossy and chalky surfaces, and quick dry/cure time, resulting in good resistance to early moisture exposure. Effective application down to 35°F. Recommended for use over properly prepared wood, aluminum and vinyl siding (see Limitations for Use), primed metal, cured masonry and stucco surfaces.

Recommended Uses

Doors
Masonry
Primed Metal
Siding
Vinyl Siding
Windows
Trim

Features / Benefits

Excellent Hiding
Excellent Adhesion
Excellent Mildew Resistance on the Paint Film
Fade & Chalk Resistance
Low Temperature Application to 35°F.
Soap & Water Clean-Up
Available in More than 1,800 Colors from
THE VOICE OF COLOR® Design Collection

Limitations of Use

Apply when air and surface temperatures are 35°F (2°C) or above and when the air and surface temperatures will remain above 35°F (2°C) for the next 24 hours. Avoid painting late in the day when dew and condensation are likely to form or if rain or snow is threatening. Protect from freezing. Not recommended for use on steps or floors. Due to the possibility of heat related warping, do not paint vinyl siding darker than the original color.

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 or formula book for tinting instructions. Color selection over vinyl siding is limited.

78-300	Deep Rustic Base
78-45	Super White
78-802	New England Red
78-805	Cape Cod Gray
78-806	Granite
78-807	Stone Gray
78-808	Abbey White
78-811	White and Pastel Base
78-815	Midtone Base
78-816	Deeptone Base
78-841	Copper Verde
78-851	Black
78-880	Heartwood Brown

Product Data

Gloss:	Semi-Gloss: 35 to 55 (60°Gloss Meter)
VOC*:	0.67 lbs/gal (80.40 g/L)
DFT:	1.10 minimum to 1.30 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*	32.8% +/- 2.0%
Weight Solids*:	46.4% +/- 2.0%
Viscosity:	85 to 95 KU
Weight/Gallon:	10.4 lbs. (4.7 kg) +/- 0.2 lbs. (91 g)
Cleanup*:	Soap and Water

*Product data calculated on product 78-45.

Drying Time:

To Touch:	30 minutes
To Handle:	1 hour
To Recoat:	4 hours
To Full Cure:	30 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. 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 or chemical treatment.

NEW VINYL SIDING: New vinyl siding may present potential adhesion problems. Topcoat should be spot applied, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed. If an adhesion problem is evident or suspected, the surface must be scuff-sanded prior to proceeding to ensure mechanical adhesion.

Recommended Primers

Aluminum	6-204, 90-712
Plywood	77-102, 72-1
Concrete, Masonry (Primers, Sealers)	6-603, 6-808
Hardboard	17-21
Ferrous Metal	6-208, 6-212, 90-712
Galvanized Steel	6-209, 90-712
Concrete Masonry Units, Masonry (Block Fillers)	6-7, 6-12
Wood	1-70, 77-109, 72-1, 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:	35 to 100°F	2 to 38°C
Substrate:	35 to 100°F	2 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 Microns:	81.3 minimum to	102.0 maximum
Dry Mil:	1.1 minimum to	1.3 maximum
Dry Microns:	28.0 minimum to	33.0 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: Polyester/Nylon Brush

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

Thinning:

No thinning is usually required. If necessary add up to 1/4 pint (118 mL) of water per gallon (3.78 L) of paint.

Packaging: 1-Gallon (3.78L)
5-Gallon (18.9L)
Quart (946 mL)

Not all products are available in all sizes.



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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

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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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