

Architectural Coatings

SUN-PROOF® Exterior House and Trim Oil Primer

Generic Type

Alkyd-Oil Resin

Tinting and Base Information

Use PITTSBURGH® Paints Custom Colorants and refer to THE VOICE OF COLOR® formula book for tinting instructions.
1-70 White Universal Primer

General Description

Our premium exterior alkyd primer formulated to meet the performance requirements of the residential and commercial markets. Excellent for priming and sealing new, weathered, and/or previously painted wood surfaces. The alkyd composition of SUN-PROOF® Exterior House & Trim Primer provides a tough, durable finish with excellent adhesion and even penetration. Recommended for use on properly prepared exterior wood, brick, cured masonry, cement-composition, siding, and previously painted metal surfaces. May be used under oil or latex house paints.

Recommended Uses

Cedar	Redwood
Siding	Wood

Features / Benefits

Excellent Primer and Sealer for both New and Existing Wood
Blocks Stains
Ideal for Chalky Substrates

Product Data

Gloss:	Satin: 0 to 15 (60°Gloss Meter)
VOC*:	2.80 lbs/gal (336.00 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)

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

Volume Solids*:	57% +/- 2.0%
Weight Solids*:	75% +/- 2.0%
Viscosity:	70 to 80 KU
Weight/Gallon*:	11.0 lbs. (5.0 kg) +/- 0.2 lbs. (91 g)
Cleanup:	High Quality Paint Thinner

*Product data calculated on product 1-70.

Drying Time:

To Touch:	6 to 9 hours
To Handle:	16 hours
To Recoat:	24 hours
To Full Cure:	24 hours

Dry Time @77°F (25°C); 1 week maximum recoat

Flash Point: 113°F, (45°C)

Limitations of Use

Apply when air, product, and surface temperatures are above 50°F (10°C) and at least 5°F (3°C) above the dew point. Avoid priming late in the day when dew or condensation are likely to form or if rain is anticipated. Not recommended for hardboard siding or immersion service. For exterior use only. Drying times listed may vary depending on temperature, humidity and air movement. DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information.

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General Surface Preparation

Surface to be primed must be clean, dry, and free from other surface contaminants. All cracks and other surface imperfections must be repaired and spot-primed. Dull glossy surfaces by sanding. Remove and inhibit regrowth of mildew by using PPG MILDEW CHECK® Multi-Purpose Wash, 18-1. Before use, be sure to read and follow the instructions and warnings on the label. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

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.

NEW REDWOOD AND CEDAR: When priming new redwood or cedar, allow 72 hours drying time and examine for discoloration. If any is found, apply a second primer coat before applying the finish. Topcoat within one week.

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.

METAL: Rust and other surface contaminants must be removed. Then the surface must be cleaned thoroughly to remove any dust.

GALVANIZED STEEL: Solvent Clean per SSPC-SP1 to remove all grease and oils. If any oxidation (white rust) has formed, lightly sand and remove all forms of contamination. If the galvanized has been passivated or stabilized, the surface must be abraded, i.e. Brush-Off Blast clean per SSPC-SP7 or chemically treat the surface.

WEATHERED WOOD: Surface must be clean, dry, and free of dirt, loose and peeling paint, rust, mildew, and other surface contaminants. Putty all nail holes and caulk all cracks and open seams. Sand all loose wood fibers, rough, and patched surfaces. Remove and inhibit regrowth of mildew by using PPG MILDEW CHECK® Multi-Purpose Wash, 18-1.

Recommended Primers

Plywood	77-902, 72-1
Ferrous Metal	6-208, 6-212, 90-712
Galvanized Steel	6-209, 90-712
Aluminum	6-204, 90-712
Hardboard	17-921

Directions for Use

Stir thoroughly before using and frequently during use. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use. 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

Application Information

Recommended Spread Rates:

Wet Mils :	3.2	minimum to	4.0	maximum
Wet Microns:	81.3	minimum to	101.6	maximum
Dry Mils :	1.8	minimum to	2.3	maximum
Dry Microns:	45.4	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. Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

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.

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.



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B1.1 10/2006