

**PITTSBURGH PAINTS**A new generation of paint company
for a new generation.**SUN-PROOF®****1-70****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® electronic CD or 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.

Recommended Uses

Redwood
Siding
Wood
Cedar

Features / Benefits

Excellent Adhesion
Excellent Sealing Properties
High Solids and Film Build
Excellent Flow and Leveling
Mildew Resistant on the Primer Film
Excellent Moisture Resistance

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 threatening. Not recommended for hardboard siding or immersion service. For exterior use only.

Product Data

Gloss: Satin: 0 to 15 (60°Gloss Meter)
VOC*: 2.79 lbs/gal (335.00 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*:** 57.9% +/- 2.0%**Weight Solids*:** 74.7% +/- 2.0%**Viscosity:** 70 to 80 KU**Weight/Gallon:** 11.0 lbs. (5.0 kg) +/- 0.2 lbs. (91 g)**Cleanup*:** Leptyne Paint Thinner 21-263*Product data calculated on product 1-70.**Drying Time:**

To Touch: 6 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)

Architectural Coatings

SUN-PROOF® Exterior House and Trim Oil Primer

General Surface Preparation

Surface to be primed 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 metal 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.

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 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
Ferrous Metal	6-208, 6-212, 90-712
Plywood	77-102, 72-1
Galvanized Steel	6-209, 90-712
Hardboard	17-21

Directions for Use

Stir thoroughly before use and occasionally during application. Must be back brushed if spray applied. 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 :	1.8 minimum to	2.3 maximum
Dry Microns:	30.5 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.



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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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