

Architectural Coatings

GENERAL DESCRIPTION

SUN PROOF® Exterior House and Trim Flat Latex is specifically formulated to meet the performance requirements of the residential and commercial markets. The 100% acrylic formula provides excellent durability, mildew resistance on the paint film, low temperature application and adhesion. SUN PROOF Exterior House and Trim Flat Latex can be used on properly prepared and primed new and previously painted exterior siding, doors, trim and windows.

RECOMMENDED SUBSTRATES

Aluminum	Ferrous Metal	Stucco
Brick	Fiber Cement	Vinyl
Concrete	Masonry	Wood

CONFORMANCE STANDARDS

Meets MPI category #10, Exterior Latex Flat, Gloss Level 1
VOC compliant - lower than Federal AIM, OTC, LADCO, and
CARB 2000 SCM regulations

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one container of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. 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.

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"

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.

Brush: Polyester/Nylon Brush

Roller: 3/8" - 3/4" nap roller cover.

Thinning: Thinning is not usually required. If necessary, add no more than 1/4 pint (118 mL) of water per gallon (3.78L) of paint.

Permissible temperatures during application:

Material:	35 to 90°F	2 to 32°C
Ambient:	35 to 100°F	2 to 38°C
Substrate:	35 to 100°F	2 to 38°C

SUN PROOF® Exterior House and Trim Flat Latex 100% Acrylic

TINTING AND BASE INFORMATION

Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

72-45	Super White
72-110	White & Pastel Base
72-150	Midtone Base*
72-300	Ultra Deep Base*

*Must be tinted before use.

Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic Latex
SHEEN:	Flat: 0 to 5 (60° & 85° Gloss Meter)
VOLUME SOLIDS*:	39% +/- 2%
WEIGHT SOLIDS*:	51% +/- 2%
VOC*:	95 g/L (0.8 lbs./gal.)

WEIGHT/GALLON*: 10.9 lbs. (5.0 kg) +/- 0.2 lbs. (91 g)

*Product data calculated on product 72-110.

COVERAGE: Approximately 400 sq. ft./gal. (37 sq. m/3.78L) depending on surface texture and porosity.

Wet Film Thickness: 4.0 mils

Wet Microns: 102 microns

Dry Film Thickness: 1.5 mils

Dry Microns: 39 microns

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

DRYING TIME: Dry time @ 77°F (25°C); 50% relative humidity.

To Handle: 30 minutes

To Recoat: 4 hours minimum

To Full Cure: 30 days

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement.

CLEANUP: Clean tools and hands immediately with warm soapy water.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: Over 200°F (93°C)

FEATURES / BENEFITS

Features

100% acrylic latex formula
Thick, full-bodied application
Excellent adhesion
Mildew resistance on the paint film
Durable, tough finish
Application down to 35°F (2°C)
SidingSafe™ Color Technology

Benefits

Excellent longevity and overall durability
Smoother application, minimizes drips and runs
Minimizes cracking and peeling
Stays cleaner longer
Resists chipping providing long lasting beauty
Extends the painting season
Expands color options

GENERAL SURFACE PREPARATION

Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. Prime all bare and porous substrates with an appropriate primer. Remove mildew by using PPG MILDEW CHECK® Multi-Purpose Wash, 18-1; or 1 part chlorine bleach to 3 parts water. 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.

ALUMINUM: This substrate may present potential adhesion problems. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

BRICK: New brick and mortar should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming. Use of an alkali resistant primer is recommended. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE and MASONRY: New concrete should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming. Use of an alkali resistant primer is recommended.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed.

FIBER CEMENT: Fiber cement board may present potential adhesion, alkali burn, and efflorescence problems. New board should be aged for at least 30 days prior to priming and painting. The pH of the substrate must be less than 10 and the moisture content must be less than 12% prior to priming and topcoating. All cracks and opens seams should be caulked to prevent water penetration. Pre-primed board from the manufacturer may not be uniformly or completely sealed. It is recommended that an alkali resistant primer be applied to ensure complete and uniform sealing prior to topcoating.

STUCCO: New stucco should cure for at least 30 days and preferably 90 days prior to priming and painting. The pH of the substrate must be less than 10 before priming. Use of an alkali resistant primer is recommended. Surface chalk from the curing or aging process should be removed then sealed with an appropriate sealer to rebind and restore the surface to a sound condition.

VINYL and ARCHITECTURAL PLASTIC: Vinyl and similar architectural plastics may present potential adhesion problems. A primer may be required to promote proper adhesion. consult the manufacturer's guidelines prior to painting. Primer and topcoat should be spot applied, allowed to cure overnight, then evaluated for adhesion. If adhesion is good, the application may proceed. Check adhesion by applying a piece of masking tape. When the masking tape is removed, if the coating peels off, the surface must be scuff sanded prior to proceeding to ensure mechanical adhesion. Use SidingSafe™ Color Technology from PPG when painting vinyl and similar plastics. For color selection information, call 1-800-441-9695.

WOOD: Unpainted wood or wood in poor condition should be sanded smooth, wiped clean, then primed. Any knots or resinous areas must be primed before painting. Countersink all nails, putty flush with surface, then prime.

RECOMMENDED PRIMERS

Aluminum	17-921
Brick	4-503, 4-603, 17-921
Concrete	4-503, 4-603, 17-921
Ferrous Metal	90-712, 90-912
Fiber Cement	4-2, 4-503, 4-603
Masonry	4-503, 4-603, 17-921
Stucco	4-2, 4-503, 4-603, 4-808, 4-809, 4-898
Vinyl	17-921
Wood	6-609, 17-921, 72-1

PACKAGING

1-Gallon (3.78 L)

5-Gallon (18.9 L)

Quart (946 mL)

Not all products available in all sizes.

LIMITATIONS OF USE

Apply when air, surface and product temperatures are 35°F (2°C) and surface temperature is at least 5°F (3°C) above the dew point. For optimum application properties, bring material to at least 50°F (10°C) prior to application. Air and surface temperature must 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 are expected. **PROTECT FROM FREEZING.** Not recommended for use on steps or floors. While this product provides a mildew resistant coating, growth may still occur if the substrate is not properly prepared prior to painting and/or if the substrate is consistently exposed to conditions conducive to mold, mildew, and algae. Examples of these conditions include, but are not limited to, under eaves, behind shrubbery and trees, and in areas that are consistently damp with little to no direct sunlight.

PPG Architectural Finishes, Inc. 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.



PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.ppgpittsburghpaints.com

Technical Services
1-800-441-9695
1-888-807-5123 fax

Architect/Specifier
1-888-PPG-IDEA

PPG Canada, Inc.
Architectural Coatings
4 Kenview Blvd
Brampton, ON L6T 5E4

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