

PPG Architectural Coatings
GENERAL DESCRIPTION

PERMANIZER Satin Exterior Acrylic Coating No. PP769 Series is a new resin technology, 100% acrylic exterior coating. PERMANIZER is a self priming, satin, high build coating with superior adhesion, durability and the longest lasting protection. It can be used for all types of new or previously painted commercial, institutional and residential exterior wood, masonry and select metal surfaces such as siding, trim, eaves, facias, shutters, fences, properly prepared brick, block, stucco and concrete surfaces, vinyl, primed metals and metal siding, vinyl siding and trim.

RECOMMENDED USES

- Wood siding, trim
- Manufactured siding
- Vinyl siding, trim
- Brick
- Concrete
- Concrete block (CMU)
- Stucco
- Fencing, shutters

FEATURES / BENEFITS

- Lifetime Warranty against peeling on residential homes
- 100% acrylic Superior weather resistance
- High build Thicker film for better protection
- Self-priming Eliminates need for separate primer
- Blocks tannins Prevents bleed through
- Superior adhesion Resists peeling
- Application to 35°F Extends painting season
- Mildew resistant*

*This paint contains agents which inhibit the growth of mildew on the surface of the paint film.

RECOMMENDED SYSTEMS

PERMANIZER Satin Exterior Acrylic Coating No. PP769 series can be applied to a wide variety of primed substrates. Finish the following primed surfaces with one coat of PERMANIZER Satin Exterior Acrylic Coating No. PP769 series:

SUBSTRATE	TYPICAL PRIMERS
Wood, New:	PP335, PP515, 17-921
Wood, New Bleeding:	PP515, 17-941, 17-921
Wood, Chalky Areas:	PP515
Hardboard:	PP335
Masonry, Concrete Block:	95-217, 16-90, 4-100
Poured Concrete, Stucco, Brick:	4-898, 4-808, 4-809, 4-603
Fiber Cement:	4-603, 4-503
Metal, Steel:	90-712, 90-912, 7-852, 97-680, 6-208, 6-212
Galvanized:	90-712, 90-912, 6-209
Weathered Aluminum:	7-852, 97-680, 90-712, 90-912, 17-941, 17-921
Vinyl Siding**:	17-921

****NOTE:** Do not paint vinyl with colors darker than the original vinyl color to prevent heat warping.

PERMANIZER® Satin Exterior Acrylic Coating
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.

PP760 White/Pastel Base
 PP769 Light Base*
 PP768 Deep Base*
 PP764 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: Acrylic
VOC based on white/pastel base. See labels for other bases.

VOC (theoretical):

As supplied (untinted): 0.9 lb/gal (110 g/l)

Sheen: Satin

Percent Solids:

Weight: 50 ± 2%

Volume: 40 ± 2%

Weight/Gallon: 10.4 lb

Viscosity (Initial): 115 - 125 Krebs Units

Thinner: Thinning not recommended.

Clean-up: Warm, soapy water.

Recommended Film Thickness:

Wet: 5.0 to 7.0 mils

Dry: 2.0 to 2.8 mils

Spread Rate (Theoretical): 250-300 square feet per gallon

Coverage does not include variation due to application, surface porosity, and/or mixing.

Dry time (70°F @ 50% R.H.): (35°F @ 50% R.H.):

To Touch: 1 hours 2 Hours

To Recoat: 4 hours 24 hours

Full Service: 15-30 days 15-30 Days

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

Flash Point: >200°F (>93°C)

Flame Spread Rating: Class A (0-25)

(See Porter Technical Bulletin No. 9: Flame Spread Rating.)

Federal Specification Crossover: TT-P-19D

(See Porter Technical Bulletin No. 6: Federal Specification Performance Crossover.)

LIMITATIONS OF USE

Do not apply in direct sunlight or when air or surface temperature is below 35°F. Do not apply in late afternoon if condensation or fog is likely to occur, nor when rain is expected within 12 hours. Surface temperature must be at least 5°F above dew point. For optimum application properties, bring material to 65-85°F (18-29°C) temperature range prior to application. Use for service below 150°F. Do not use on floors or deck walking surfaces. Protect from freezing.

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GENERAL SURFACE PREPARATION

Paint only clean, dry (may be damp, but not dripping), deglossed and profiled surfaces. Remove dirt, oils, grease, wax, form oils, release agents, sanding dust, paint remover, etc. with PREP125 DURAPREP® WB Cleaner & Degreaser, Dirtex and water, PPG Paint Thinner No. 5132 or other appropriate cleaners, or by vacuuming as necessary. Remove mildew by washing with PPG MILDEW CHECK® Multi-Purpose Wash 18-1 or a mix of 1 part chlorine bleach to 3 parts clean water (rinse thoroughly after 15 minutes). NEW WOOD: Repair construction defects, sand as necessary and apply first coat of PERMANIZER PP769. After primer is dry, fill openings and nail holes with TOP GUN® 200 Siliconized Acrylic Caulk No. 1414, or other suitable sealant. Spot prime the caulk when well set, usually 1-4 hours. Spot prime knots and sap streaks with SEAL GRIP® Premium Quick Dry Primer/Sealer No. 17-964 or shellac. Finish with one coat of PERMANIZER Satin Exterior Acrylic Coating No. PP769 Series. Tannin containing woods, such as redwood and cedar, require application at heaviest recommended film build for maximum stain blocking performance. REPAINT: Remove loose and failing paint by power washing, hand scraping or power tool cleaning and sand edges smooth when applicable. Fill holes and gouges in wood and other substrates with wood patch or filler, etc. as appropriate. Sand patched areas smooth as necessary before priming bare areas and patches. Finish with one or more coats of PERMANIZER Satin Exterior Acrylic Coating No. PP769 series.

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. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

NEW CONCRETE/MASONRY/STUCCO: Let new concrete, masonry and stucco cure 28 days before painting. (NOTE: Polymer modified thin coat stucco can usually be painted within 7-14 days depending upon drying conditions. Follow stucco manufacturer's instructions.) Remove any remaining deeply embedded contaminants such as curing compounds by abrasive blasting. Remove efflorescence by pressure washing or with a diluted muriatic acid solution following manufacturer's instructions. (CAUTION: When mixing and using, always add acid to water, and wear appropriate eye and skin protection.) Fill cracks and holes with appropriate filler. For new concrete block (CMU), apply the appropriate PPG block filler (SEE RECOMMENDED SYSTEMS) before painting.

DIRECTIONS FOR USE

Stir thoroughly before using and occasionally during 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. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

Permissible temperatures during application:

Temperature Range: 35°F to 110°F (air, surface, paint)
(Optimum paint temperature 65-85°F)
Dew Point: Surface temperature must be at least
5°F above the dew point.
Relative Humidity: Maximum 85%

New Work: Apply a uniform coat of appropriate primer or block filler per primer data sheet instructions (SEE RECOMMENDED SYSTEMS) at the millage specified for the application. Finish with one or more coats of PERMANIZER Satin Exterior Acrylic Coating No. PP769 series.

Repaint: Spot prime bare areas as required with an appropriate primer (SEE RECOMMENDED SYSTEMS), then apply one or more coats of PERMANIZER Satin Exterior Coating No. PP769 series.

Washing Instructions: Protect the finish from abuse and contamination until well cured, at least 4-6 weeks. Try to avoid washing the finish for 30 days.

APPLICATION INFORMATION

Application Equipment: Apply with a high quality brush, roller, or by spray equipment.

Airless Spray: Minimum 28:1 Pump Ratio; .015"-.019" tip; 1800-2400 psi; 1/4" High Pressure material hose.

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.

Brushes: Use nylon or polyester brushes.

Rollers: Use 3/8" to 3/4" synthetic roller covers.

Thinning: Thinning not recommended.

Clean-up: Clean tools and spray equipment with warm, soapy water immediately after use.

SHIPPING

Freight Classification: PAINT OR PAINT RELATED MATERIAL

Packaging: 4 Gallons per carton

Shipping Weights: 10.4 lb/gal (43.1 lb/carton)

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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Architect/Specifier:
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