



Architectural Coatings

PPG SEAL GRIP Interior/Exterior Acrylic Universal Primer/Sealer

GENERAL DESCRIPTION

Our premium interior/exterior acrylic primer is formulated to meet the performance requirements of the residential and commercial markets. SEAL GRIP Interior/Exterior Acrylic Universal Primer/Sealer is especially formulated to block most stains - water, smoke, ink, markers, and tannin. SEAL GRIP has exceptional adhesion to glossy surfaces. Also recommended as a whole house primer for use on properly prepared interior or exterior wood, masonry, plaster, wallboard, cement, brick, stucco, cement composition board, and wall coverings.

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.

17-921 White (Tintable)
17-922 Deep Base*

*Must be tinted.

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

RECOMMENDED SUBSTRATES

- Aluminum and Aluminum Siding Galvanized Steel
Brick Stucco
Concrete and Masonry Wood
Fiber Cement
Fiberglass
Medium Density Fiberboard and Overlay
Vinyl and Architectural Plastic

PRODUCT DATA

PRODUCT TYPE: Acrylic Latex
VOLUME SOLIDS*: 39% +/- 2%
WEIGHT SOLIDS*: 52% +/- 2%
VOC*: 84 g/L (0.7 lbs./gal.)

WEIGHT/GALLON*: 10.6 lbs. (4.8 kg) +/- 0.2 lbs. (91 g)

*Product data calculated on product 17-921.

CONFORMANCE STANDARDS

- Meets MPI category #3, Primer, Alkali Resistant, Water Based
Meets MPI® category #6, Primer, Latex for Exterior Wood
Meets MPI category #17, Primer, Bonding, Water Based
Meets MPI category #39, Primer, Latex, for Interior Wood
Meets MPI category #137, Primer, Stain Blocking, Water Based
Can help earn LEED® 2009 credits

COVERAGE: Approximately 400 sq. ft./gal. (37 sq. m/3.78L) per U.S. Gallon (3.78 L) on nonporous surfaces.

Wet Film Thickness: 4.0 mils
Wet Microns: 102
Dry Film Thickness: 1.6 mils
Dry Microns: 41

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

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when 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.

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

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: For maximum stain block properties, do not thin. May be thinned with water if needed for other applications.

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

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

To Touch: 30 minutes
To Topcoat: 1 hour

Drying is important to stain-blocking properties. For maximum stain resistance, allow 24 hours before applying topcoat. If drying conditions are poor (low temperature, high humidity), longer drying times are required to achieve stain blocking.

CLEANUP: 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)

RECOMMENDED PRIMERS

Concrete/Masonry Block 6-7, 6-15, 4-100
(Block Fillers)

FEATURES AND BENEFITS

Features

- Interior/exterior formula
Fast drying
Stain blocking
Excellent adhesion

Benefits

- Use as a whole house primer on multiple substrates
Topcoats in as little as one hour
Great at blocking out most stains - water, smoke, ink, markers and tannins
Adheres to glossy surfaces

Read Label and Material Safety Data Sheet Prior to Use. See other cautions on last page. DSF1-0690

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. 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 SIDING: Siding may present potential adhesion problems. A primer may be required if the original painted surface has degraded to the substrate. 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.

BRICK: New brick and mortar should cure for at least 7 days and preferably 30 days prior to priming and painting. The pH of the substrate must be less than 13 before priming. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE and MASONRY: New concrete and masonry should cure for at least 7 days and preferably 30 days prior to priming and painting. The pH of the substrate must be less than 13 before priming.

FIBER CEMENT SIDING: 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 13 and the moisture content must be less than 12% prior to priming. 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 a primer be applied to ensure complete and uniform sealing prior to topcoating.

FIBERGLASS: Fiberglass may present potential adhesion problems. A primer is recommended prior to topcoating. Primer and topcoat should be spot applied as directed, 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.

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 prior to priming.

MEDIUM DENSITY FIBERBOARD AND OVERLAY: Countersink all nails or screws and putty flush with the surface. Surface should be sanded smooth and cleaned to remove any dust or contaminates, then primed prior to painting.

STUCCO: New stucco should cure for at least 7 days and preferably 30 days prior to priming and painting. The pH of the substrate must be less than 13 before priming. 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 prior to priming.

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. Color selection for vinyl and similar plastics is limited. Do not paint vinyl or plastic with a color darker than the original to prevent potential warping due to heat absorption.

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. Staining or tannin bleeding woods (like cedar or red-wood) require two coats. The first coat must be completely dry before re-coating. For optimum tannin blocking performance, allow the first coat to dry a full 24 hours prior to the application of a second coat.

LIMITATIONS OF USE

Apply only when air, surface, and product temperatures are above 35°F (2°C) and when the air and surface temperatures will remain above 35°F (2°C) for the next 24 hours. The pH of the substrate must be less than 13 before priming. Avoid exterior application in direct sunlight, late in the day when dew and condensation are likely to form, or when rain is anticipated. This product must be topcoated. Severe stains may require two coats of primer. **PROTECT FROM FREEZING. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.**

PACKAGING

Quart (946 mL)
1-Gallon (3.66 L)
5-Gallon (18.9 L)

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PRECAUTIONS

WARNING! HARMFUL IF SWALLOWED. SKIN AND EYE IRRITANT. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer or silicosis depends on the duration and level of exposure to dust from sanding surfaces or mist from spray applications. Ingestion of products containing ethylene glycol may damage kidneys and liver and has been shown to cause birth defects in laboratory animals. Prevent all skin/eye contact and breathing of vapors/spray mist. **USE ONLY WITH ADEQUATE VENTILATION.** Wear protective equipment as specified on the MSDS, including appropriate NIOSH-approved respiratory protection where ventilation is inadequate and/or product vapors/dust are present. Mist or vapor generated by spraying this product may be harmful if inhaled. **FIRST AID:** If swallowed, gently wipe or rinse the inside of the mouth with water. Water may be given if person is alert. Never give anything by mouth to an unconscious or convulsing person. Do Not induce vomiting. Get medical attention immediately. If skin/eye contact occurs, flush the affected areas with warm water for at least 15 minutes. Remove contact lens. A mild soap may be used on the skin if available. If inhaled, remove from area to fresh air. If breathing is difficult, get medical attention immediately. Get immediate Emergency Medical Treatment if overexposed. Take MSDS or label information. For workplace use, an MSDS is available from your retailer or by calling (412) 492-5555. **READ MATERIAL SAFETY DATA SHEET (MSDS) BEFORE USE.** Close container after each use. **KEEP OUT OF REACH OF CHILDREN.** Emergency Medical/Spill Information in US: (412) 434-4515. Note: These warnings encompass the product series. **WARNING:** This product contains a chemical known to the state of California to cause cancer.

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Made in the
USA