# SEAL GRIP®

17-921 Series

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.

## RECOMMENDED SUBSTRATES

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

## CONFORMANCE STANDARDS

Meets MPI® category #6, Primer, Latex for Exterior Wood
Meets *MP*I category #17, Primer, Bonding, Water Based
Meets *MP*I category #39, Primer, Latex, for Interior Wood
Meets *MPI* category #137, Primer, Stain Blocking, Water Based
Can help earn LEED® 2009 credits

## 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 |

## 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.

## 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.

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

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| 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.

**DRYING TIME:** Dry time @ 77ºF (25ºC); 50% relative humidity.

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| 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 200ºF (93ºC)

## RECOMMENDED PRIMERS

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

## PACKAGING

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

## FEATURES AND BENEFITS

| Features | Benefits |
|---|---|
| Interior/exterior formula | Use as a whole house primer on multiple substrates |
| Fast drying | Topcoats in as little as one hour |
| Stain blocking | Great at blocking out most stains - water, smoke, ink, markers and tannins |
| Excellent adhesion | Adheres to glossy surfaces |

## 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 SIDING:** Siding may present potential adhesion problems. A primer may be required if the original painted surface has degraded to the substrate. 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 with an alkali resistant primer. 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 with an alkali resistant primer.

**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 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.

**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 with an alkali resistant primer. 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 and topcoating.

**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 that 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 redwood) should be primed with a stain blocking primer. Tannin bleeding woods 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 35ºF (2ºC) 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.



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