SEAL GRIP®

17-921XI 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 sgments. *Seal Grip* Universal Primer/Sealer is especially formulated to block most stains -water, smoke, ink, markers, and tannin. *Seal Grip* Universal Primer/Sealer 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, aluminum and wall coverings.

RECOMMENDED SUBSTRATES

Aluminum Siding	Masonry
Brick	MDO Board
Concrete	Plaster
Fiber Cement	Stucco
Fiberglass	Vinyl Siding
Gypsum Wallboard-Drywall	Wood

CONFORMANCE STANDARDS

VOC compliant in all regulated areas
MPI approved in categories #3, #6,#17, #39, and #137

PRODUCT INFORMATION

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

*Must be tinted before use

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

PACKAGING

Quart (946 mL)
1-Gallon (3.78 L)
5-Gallon (18.9 L)
Not all products available in all sizes.

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic Latex
SHEEN:	Low Sheen
VOLUME SOLIDS*:	40% +/- 2%
WEIGHT SOLIDS*:	52% +/- 2%
WEIGHT/GALLON*:	10.5 lbs. (4.8 kg) +/- 0.2 lbs. (91 g)
VOC:	<50 g/L (0.4 lbs./gal.)

*Product data calculated on product 17-921XI.

COVERAGE: Approximately 400 sq. ft. (37 sq. meters) per U.S. Gallon (3.78L) on smooth, 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. Some colors, drastic color changes, or porous substrates may require more than one coat to achieve a uniform finish.

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

To Touch:	30 minutes
To Recoat:	1-2 hours
To Full Cure:	30 days

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement. For example, product applied at 35ºF (2ºC) would require a minimum of 24 hours before recoat. Drying is important to stain-blocking properties. For maximum stain resistance, allow 24 hours before topcoating. If drying conditions are poor (low temperature, high humidity), longer drying times are required to achieve stain blocking.

CLEANUP: Clean tools 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 200ºF (93ºC)

FEATURES / BENEFITS

Features	**Benefits**
Great hide	Saves time and money; Better coverage in less coats
Outstanding stain and tannin blocking	Great at blocking out most stains - water, smoke, ink, markers, and more
Low VOC, <50 g/L	Nationally VOC compliant
Interior/Exterior Universal Formula	Use as a whole house primer on multiple substrates
Fast drying	Topcoat can be applied in as little as one hour
Excellent adhesion	Adheres to glossy surfaces
Mildew resistant coating	Mildew and fungal growth resistance on the paint film

GENERAL SURFACE PREPARATION

Surface must be clean and dry. Remove dirt, mildew, grease and other surface contamination. Remove loose paint, excessive amounts of chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Repair all moisture problems. Blistering and peeling issues are commonly caused by moisture behind the paint film. Putty all nail holes, and caulk all cracks and open seams. Sand all rough, and patched surfaces. Sanding is not required if the surface is properly and thoroughly cleaned.

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 and FIBERGLASS: Aluminum siding and fiberglass may present potential adhesion problems. Prime prior to topcoating. Primer should be spot applied, allowed to cure overnight, then evaluated for adhesion. Check adhesion by applying a piece of masking tape. If adhesion is good, the application may proceed. If the coating peels off when the masking tape is removed, the surface must be scuff sanded prior to proceeding to ensure mechanical adhesion.

BRICK, CONCRETE, MASONRY and STUCCO: 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. Painting glazed brick is not recommended due to potential adhesion problems.

GYPSUM WALLBOARD-DRYWALL: Nails or screws should be countersunk, and they along with any indentations should be mudded flush with the surface, sanded smooth and cleaned to remove any dust, then prime prior to painting the substrate.

FIBER CEMENT: Fiber cement board may present potential adhesion, alkali burn, and efflorescence problems. New board should be aged for at least 7 days and preferably 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 a primer be applied to ensure complete and uniform sealing prior to topcoating.

MEDIUM DENSITY OVERLAY (MDO) BOARD: 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.

PLASTER: Plaster, hardcoat, skim coat, or other alkaline surfaces should be allowed to cure for at least 7 days and preferably 30 days prior to priming.

VINYL SIDING: Vinyl siding may present potential adhesion problems. Primer 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 siding is limited. Do not paint vinyl siding with a topcoat 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 and wiped clean. 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) may 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.

RECOMMENDED PRIMERS

Concrete Block (CMU)	6-15XI

LIMITATIONS OF USE

Apply when air and surface temperatures are 35ºF (2ºC) and surface temperature is at least 5ºF (3ºC) above the dew point. For optimum application properties, bring material to at least 50ºF (10ºC) prior to application. Air and surface temperature must remain above 35ºF (2ºC) for the next 24 hours. Avoid painting late in the day when dew and condensation are likely to form or if rain or snow is expected. Do not apply in direct sunlight.

LIMITATIONS OF USE (continued)

Vinyl siding and similar plastic composites should not be painted with a color darker than the original color. Painting vinyl siding or plastic composites with a darker color may cause them to warp. Color selection for use over vinyl siding is limited. For information, call 1-800-441-9695.

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.

PROTECT FROM FREEZING.

APPLICATION INFORMATION

Stir thoroughly before using and occasionally when in use. When using more than one can of the same color, intermix to ensure color uniformity. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available through our web site or by calling 1-800-441-9695.

Application Equipment: Apply with a high quality brush, roller, paint pad, or by spray equipment. Severe stains may require two coats of primer. Brushing is the preferred method of application over chalky substrates. If painting will be interrupted for more than 15 minutes, keep brushes and rollers wet by wrapping them in tinfoil or plastic wrap.

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: Do not thin.

Permissible temperatures during application:

Material:	35 to 90ºF	2 to 32ºC
Ambient:	35 to 90ºF	2 to 32ºC
Substrate:	35 to 90ºF	2 to 32ºC

PRECAUTIONS

WARNING! HARMFUL IF INHALED. HARMFUL IF SWALLOWED. CAUSES RESPIRATORY TRACT IRRITATION. Do not breathe vapor or mist. Do not swallow. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. Use personal protective equipment as required. **Note: These warnings encompass the product series. Prior to use, read and follow product-specific SDS and label information. FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Call physician immediately. Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. EMERGENCY SPILL INFORMATION: (412) 434-4515 (U.S.).

PPG Architectural Finishes, Inc.
One PPG Place
Pittsburgh, PA 15272
www.ppgpaints.com

Technical Services
1-800-441-9695

Architect/Specifier
1-888-PPG-IDEA

PPG Architectural Coatings Canada Inc.
1550 rue Ampère, Suite 500
Boucherville (Quebec) J4B 7L4