

Architectural Coatings

Perma-Crete Exterior Concrete Stucco Primer

GENERAL DESCRIPTION

Perma-Crete Alkali Resistant Primer is specifically designed for interior and exterior, above ground, wood, plaster, wallboard, and masonry surfaces. This primer provides excellent sealing and stain blocking performance. *Perma-Crete* Alkali Resistant Primer is formulated to seal and protect the topcoat from hot alkali found in plaster, masonry, and cement. It blocks out stains such as, water, smoke, ink, markers, and tannins. *Perma-Crete* Alkali Resistant Primer is ideal for use on a variety of exterior masonry projects including high-rise apartments and condominiums, tilt-up warehouses, hospitals, schools, concrete parking garage overheads, hotels, resorts and residential homes.

RECOMMENDED SUBSTRATES

Brick	Masonry
Concrete	Plaster
Concrete Block (CMU)	Stucco
Fiber Cement	Tilt-Up/Pre-Cast Concrete
Gypsum Wallboard-Drywall	Wood

CONFORMANCE STANDARDS

Compliant with all US VOC regulations as of 08/2026
MPI approved in category 3

TINTING AND BASE INFORMATION

4-603XI White (Tintable)

May be tinted toward the finish coat color with up to four oz./gal. of colorants. Refer to the appropriate color formula book, automatic tinting equipment, and or computer color matching system for color formulas and tinting instructions.

PACKAGING

1-Gallon (3.78 L)
5-Gallon (18.9 L)

FEATURES AND BENEFITS

Features

Alkali Resistance
Excellent Stain Blocker
Application to 35°F (2°C)
High Solids
Efflorescence Resistance
Seals and Prepares Recommended Substrates
Adhesion
Excellent Application Properties
Mildew Resistant Coating

PRODUCT DATA

PRODUCT TYPE: 100% Acrylic Latex
SHEEN: Non-Flat
VOLUME SOLIDS: 40% +/- 2%
WEIGHT SOLIDS: 52% +/- 2%
WEIGHT/GALLON: 10.5 lbs. (4.8 kg) +/- 0.2 lbs. (91 g)
VOC: < 100 g/L (0.8 lbs./gal.)

COVERAGE: Approximately 250 to 450 sq. ft. (23 to 42 sq. meters) per U.S. gallon (3.78 L).

Wet Film Thickness: 3.6 mils to 6.4 mils
Wet Microns: 91 to 163
Dry Film Thickness: 1.4 mils to 2.6 mils
Dry Microns: 36 to 66

Coverage figures do not include spray loss, loss due to surface irregularities and porosity, nor material loss when mixing.

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

To Touch: 30 minutes
To Recoat: 2 to 4 hours

Drying times listed may vary depending on temperature, humidity, color, film build, and air movement. For example, product applied at 35°F (2°C) 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 200°F (93°C)

Benefits

Can apply to fresh concrete at 7 days and a pH less than 13
Blocks water, smoke, ink, markers, and tannins
Extends the painting season
Better coverage
Minimizes white crusty salt deposits
Minimizes moisture damage and prepares the surface for topcoating
Minimizes peeling and cracking
Reduces application time and provides a natural uniform appearance
Mildew and fungal growth resistance on paint film

PERFORMANCE DATA

Property	Test Method	Results
Flexibility	ASTM D522B	Pass
Mildew Resistance	ASTM D5590	No growth
Alkali Resistance	TT-P-1511B	Passes: no efflorescence, blistering, saponification
Adhesion	ASTM D3359	Passes

Read Label and Safety Data Sheet prior to use. See other cautions on last page.

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. Cure masonry substrates at least 7 days before priming. Substrate pH must be 13 or lower. 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. Feather back all rough edges to sound surface by sanding. Sanding is not required on glossy surfaces properly and thoroughly cleaned.

Remove mildew by washing with a mixture of 1 part liquid chlorine bleach to 3 parts water. Before use, be sure to read and follow instructions and warnings on label. Rinse thoroughly.

Dry substrate thoroughly to a moisture content under 12%. Clean laitant substrates in good condition by sweep blasting, power washing, wire brushing, etc. to remove loose material. After cleaning, vertical substrates that are laitant, may be conditioned with a coat of *Perma-Crete* Exterior Acrylic Clear Masonry Surface Sealer 4-808.

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.

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.

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.

TILT-UP or PRE-CAST CONCRETE: New tilt-up or pre-cast 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. Moisture content should be less than 12% prior to priming and topcoating. All bond breakers, release agents, and admix plasticizers must be removed to prevent adhesion problems. Bond breakers and similar surface contaminants should be removed as directed by the tilt-up manufacturer which can include specific cleaners, powerwashing, and/or surface profiling by mechanical methods. 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. Additional surface preparation guidelines can be found by referring to Technical Bulletin HT-2 *Guide on Painting Tilt-Up Concrete*. Information or a copy of the bulletin can be obtained by calling 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. Staining or tannin bleeding woods (like cedar or redwood) 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 between 35°F (2°C) and 90°F (32°C) and at least 5°F (3°C) above the dew point. Air and surface temperatures must remain between 35°F (2°C) and 90°F (32°C) for the next 48 hours. Avoid painting in direct sunlight or on hot surfaces. Do not apply late in the day when dew and condensation are likely to form or if rain or snow is expected.

PROTECT FROM FREEZING.

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.

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 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 (nap size – 3/8" for smooth surfaces and up to 3/4" for rough or textured surfaces), paint pad, or by spray equipment. Where necessary, apply a second coat and allow each coat to dry thoroughly before applying the next coat.

Airless Spray: For airless spray application, use tip size .015" to .021" and pressure range of 1500 to 2000 psi. 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: Nylon/Polyester Brush

Roller (nap roller cover): 3/8" - 3/4"

Thinning: Do not thin.

Permissible temperatures during application:

Material: 35 to 90°F (2 to 32°C)

Ambient: 35 to 90°F (2 to 32°C)

Substrate: 35 to 90°F (2 to 32°C)

PRECAUTIONS

For warning information, please refer to the product label and SDS available at the online listing for this product at www.pittsburghpaintsco.com. Keep container tightly closed and sealed until ready for use. SDS, spill, and emergency information are available by calling 1-833-477-1553.

© 2026 The Pittsburgh Paints Co. All Rights Reserved. *Perma-Crete* is a registered trademark, and the *P Logo* & *Pittsburgh Paints* are trademarks of The Pittsburgh Paints Co.

The Pittsburgh Paints Co. 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, call 1-800-441-9695.



The Pittsburgh Paints Company
500 Cranberry Woods Drive
Cranberry Township, PA 16066
www.pittsburghpaints.com

Technical Services
1-800-441-9695

4-603XI - 8/2026