

Architectural Coatings

*Perma-Crete* Concrete Block & Masonry Surfer/Filler

## GENERAL DESCRIPTION

*Perma-Crete* Concrete Block & Masonry Surfer is a premium interior/exterior, light weight, acrylic latex block filler and surfer for all types of properly prepared concrete and masonry surfaces. This product provides smoothing, filling, and leveling on all types of masonry and concrete surfaces. *Perma-Crete* Concrete Block & Masonry Surfer can be topcoated with latex, oil, waterborne epoxy finishes, or solvent borne epoxy finishes that do not contain strong solvents. This *Perma-Crete* product can be applied to new masonry including concrete and stucco that has cured 7 days with a pH less than 13. *Perma-Crete* Concrete Block & Masonry Surfer is ideal for use on a variety of exterior masonry projects including high-rise apartments and condominiums, hospitals, schools, concrete parking garage overheads, hotels, resorts and residential homes.

## RECOMMENDED SUBSTRATES

|                      |         |
|----------------------|---------|
| Brick                | Masonry |
| Concrete             | Stucco  |
| Concrete Block (CMU) |         |

## CONFORMANCE STANDARDS

Compliant with all US VOC regulations as of 08/2026  
MPI approved in category 4

## TINTING AND BASE INFORMATION

|         |       |
|---------|-------|
| 4-100XI | White |
|---------|-------|

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

## PRODUCT DATA

|                       |                                       |
|-----------------------|---------------------------------------|
| <b>PRODUCT TYPE:</b>  | 100% Acrylic                          |
| <b>COLOR:</b>         | White                                 |
| <b>SHEEN:</b>         | Flat                                  |
| <b>CLEANUP:</b>       | Soap and Water                        |
| <b>VOLUME SOLIDS:</b> | 55% +/- 2%                            |
| <b>WEIGHT SOLIDS:</b> | 60% +/- 2%                            |
| <b>WEIGHT/GALLON:</b> | 9.4 lbs. (4.3 kg) +/- 0.2 lbs. (91 g) |
| <b>VISCOSITY:</b>     | 113 to 125 KU                         |
| <b>VOC:</b>           | < 100 g/L (0.8 lbs./gal.)             |

**COVERAGE:** Approximately 80 to 110 sq. ft. (7 to 10 sq. meters) per U.S. gallon (3.78 L) on block walls and up to 125 sq. ft. (12 sq. meters) on smooth masonry.

|                     |                    |
|---------------------|--------------------|
| Wet Film Thickness: | 15 mils to 20 mils |
| Wet Microns:        | 381 to 508         |
| Dry Film Thickness: | 8 mils to 11 mils  |
| Dry Microns:        | 203 to 279         |

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

Note: To achieve wind driven rain resistance and maximum elongation, the product must be applied as a 2 coat system: 4-100XI and 4-22 Series.

**DRYING TIME:** Dry time @ 77°F (25°C); 50% relative humidity.  
To Touch: 2 hours  
To Recoat: 16 hours

Drying times listed may vary depending on temperature, humidity, film build, color, and air movement. For example, product applied at 35°F (2°C) would require a minimum of 24 hours before recoat.

**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)

## FEATURES AND BENEFITS

### Features

- Resists Wind Driven Rain
- Low Temperature Cure/Application to 35°F (2°C)
- Light Weight
- Excellent Filling
- Alkali Resistance
- Efflorescence Resistance

### Benefits

- Water resistance requires 2 coat system @ standard coverage rate: 4-100XI and 4-22XI
- Extends painting season and application range
- Ergonomically friendly
- Provides smooth and level surface for subsequent priming & topcoating
- Can apply to fresh concrete at 7 days and a pH less than 13
- Minimizes white crusty salt deposits

## PERFORMANCE DATA

| Property                       | Test Method |
|--------------------------------|-------------|
| Resistance to Wind Driven Rain | ASTM D6904  |
| Alkali Resistance              | TT-P-1511B  |
| Adhesion                       | ASTM D3359  |

### Results

Passes water resistance as a pinhole free 2 coat system  
@ standard coverage rate: 4-100XI and 4-22XI  
Passes: no efflorescence, blistering, saponification  
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 all loose and peeling paint, dirt, mildew, grease, oil, chalk, rust, form release agents, curing compounds, efflorescence, and other surface contaminants. Cure masonry substrates at least 7 days before sealing. Substrate pH must be 13 or lower. Repair all moisture problems. Blistering and peeling issues are commonly caused by moisture behind the paint film. 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.

Clean surfaces per ASTM Standard Practice D4258-83: Standard Practice for Surface Cleaning Concrete for Coating. Vacuum cleaning, water cleaning, detergent water wash, power wash cleaning, steam cleaning, hand tool and mechanical cleaning are acceptable cleaning methods. Remove efflorescence by pressure washing or cleaning with dilute muriatic acid (following manufacturer's instruction) or a solution of 1 part white vinegar to 4 parts water. Rinse thoroughly and allow to dry.

Remove mildew by using 1 part chlorine bleach to 3 parts water. Before use, be sure to read and follow instructions and warnings on label.

Dry substrate thoroughly to a moisture content under 12%. Clean chalky paint in good condition by sweep blasting, power washing, wire brushing, etc. to remove loose material. After cleaning, powdery or chalky, unpainted recommended substrates may be conditioned with a coat of *Perma-Crete* Exterior Acrylic Clear Masonry Surface Sealer 4-808 or Pigmented Masonry Surface Sealer 4-809.

**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](http://www.epa.gov/lead). Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

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

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

**CONCRETE/MASONRY BLOCK:** Mortar should cure for at least 7 days and preferably 30 days prior to painting. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

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

## LIMITATIONS OF USE

Apply only when air, surface, and product temperatures are above 35°F (2°C) and at least 5°F (3°C) above the dew point. Air and surface temperatures must remain above 35°F (2°C) for the next 48 hours. Do not apply late in the day when dew and condensation are likely to form or if rain or snow is expected. Solventborne epoxies require a 48 hour cure of the block filler prior to application of the epoxy. Surface pH limitation is 7-13. Do not use on floors. Do not overbuild product to prevent pinholes. Remove filter before spraying.

PROTECT FROM FREEZING.

## RECOMMENDED PRIMERS

Powdery or Chalky Unpainted Concrete/Masonry 4-808, 4-809

## PACKAGING

5-Gallon (18.9 L)

## 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, paintpad or by spray equipment. Always back-roll the surface when applied by spray to achieve a pinhole-free film.

**Airless Spray:** For airless spray application, use tip size .027" to .031" and pressure range of 2000 to 2800 psi. Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. High pressure injection of coatings into the skin by airless equipment may cause serious injury.

**Brush:** Nylon/Polyester Brush

**Roller (nap roller cover):** 3/4" - 1"

**Thinning:** Do not thin.

**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)

## PRECAUTIONS

For warning information, please refer to the product label and SDS available at the online listing for this product at [www.pittsburghpaintsco.com](http://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.

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Technical Services  
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