

GENERAL DESCRIPTION

Perma-Crete Masonry Coating *Plex-Seal* WB Interior / Exterior Clear Sealer 4-6200XIC is a clear, non-yellowing, film forming, waterborne acrylic sealer ideal for use on above-ground, vertical and horizontal surfaces.

This fast drying sealer has excellent hot tire pick up resistance and adhesion.

Perma-Crete Plex-Seal WB is water resistant and seals the surface while maintaining the natural appearance of the substrate.

Perma-Crete Plex-Seal WB is ideal for use on concrete surfaces such as garage floors, driveways, pool decks, walkways, warehouse floors and more.

RECOMMENDED SUBSTRATES

Brick	Exposed Aggregate
Concrete	Masonry
Concrete Blocks and Masonry	Stucco

*See "Limitations of use"

CONFORMANCE STANDARDS

- MPI # 99 Sealer, Water Based, for Concrete Floors.
- Complies with the Canadian Volatile Organic Compound Concentration Limits for Architectural Coatings Regulations.

TINTING AND BASE INFORMATION

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

4-6200XIC Clear

DO NOT TINT.

PACKAGING

3.78 L & 18.9 L

PRODUCT DATA

PRODUCT TYPE:	100% Acrylic Latex
SHEEN:	Satin (depending on number of coats and porosity of the substrate).
VOLUME SOLIDS*:	25% ± 2%
WEIGHT SOLIDS*:	26% ± 2%
VOC*:	< 100 g/L
DENSITY*:	1.0 kg/L

*Product data calculated on product 4-6200XIC.

SPREADING RATE PER COAT: Approximately 28 – 46 sq. metres (300 – 500 sq. ft.) per 3.78 L on smooth and nonporous surfaces.

Wet Film Thickness: 81 - 135 microns
3.2 - 5.3 mils

Dry Film Thickness: 20 - 33 microns
0.8 - 1.3 mils

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

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

To Touch: 30 minutes

To Recoat: 2 hours

For Foot Traffic: 24 hours

For Vehicle Service: 72 hours

Full curing: 14 days

Drying times listed may vary depending on temperature, humidity, film build, colour, and air movement.

Permissible temperatures during the application:

Material:	2 to 32°C	35 to 90°F
Ambient:	2 to 38°C	35 to 100°F
Substrate:	2 to 38°C	35 to 100°F

CLEANUP: Remove as much product quantity as possible and clean tools with lukewarm soapy water immediately after use.

DISPOSAL: Consult your municipality in order to dispose of paint residues according to environmental regulations. Do not pour down a drain or storm sewer.

FLASH POINT: Over 93 °C (200 °F)

FEATURES / BENEFITS

Features

Hot tire resistance
Excellent adhesion.
Alkali Resistance.
Efflorescence Resistance
Application down to 2 °C (35 °F)
Excellent Application Properties
Moisture Resistance
Exposed Aggregate
Yellowing Resistance
MPI approval in Category # 99

Benefits

Minimize staining and discolouration on traffic surface
Resists peeling and cracking.
Can apply to fresh concrete of at least 7 days old and with a pH of less than 13 with 2 coats.
Minimizes crusty white salt deposits with 2 coats
Longer painting season
Less time for application and resists pinholing
Extends substrates life
Maintains natural appearance on multiple substrates
Resists colour change over time
Meets strict performance and aesthetic requirements.

PERFORMANCE DATA

Property	Test Method	Results
Hot Tire	Koehler I.C.	Passes, no staining or adhesion loss
Weathering	ASTM D4587	Passes QUV 500 Hours
Adhesion	ASTM D3359	Passes Wet & Dry
Alkali Resistance.	TT-P-1511B	Passes 2 coats, no efflorescence, blistering
Yellowing	ASTM E313	Passes, no discolouration

Before use, be sure to read and follow the instructions and warnings on the label and Safety Data Sheet. See other cautions on the last page.

LIMITATIONS OF USE

PROTECT FROM FREEZING. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

Apply only when air and surface temperatures are above 2 °C and at least 3 °C above the dew point. Air and surface temperatures must remain above 2 °C for the next 24 hours. For optimum application properties, bring material to at least 10 °C prior to application. Surface pH limitation is 7–13.

Avoid exterior applications late in the day when dew and condensation are likely to form or if rain or snow is expected.

Do not apply to concrete floors that do not have a vapour barrier underneath, or to other surfaces with hydrostatic pressure.

Not recommended for use on surfaces demonstrating hydrostatic or high vapour pressure or for immersion service.

Not intended for use on wood.

Avoid exposure to solvents; strong acids and bases; wipe up oil and gasoline spills immediately.

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 mould, mildew, and algae.

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 or patched surfaces. Feather back all rough edges to sound surface by sanding.

Eliminate stains caused by mildew with a solution of household bleach (1 part household bleach to 3 parts of water). Before use, carefully read product label and follow directions for its use. Rinse thoroughly. Let dry thoroughly to a moisture content under 12%.

Remove chalk residue from 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 using Acrylic Masonry Surface Sealer PERMA-CRETE 4-808C.

PRECAUTION: Dry sanding will give rise to dust and/or hazardous fumes. Wear suitable respiratory protective equipment. Clean up carefully with a HEPA vacuum and a wet mop. Follow these instructions to control exposure to hazardous substances that may be released during surface preparation. **WARNING!** If you scrape, sand, or remove old paint, you may release lead dust. **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. Contact a regional Health Canada office for more information. 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 sealing. The pH of the substrate must be less than 13 before sealing with two coats. Painting glazed brick is not recommended due to potential adhesion problems.

CONCRETE & MASONRY BLOCK: New concrete should cure for at least 7 days and preferably 30 days prior to sealing. The pH of the substrate must be less than 13 before sealing with two coats. Etching with acid is usually not required, but is recommended for optimum performance over smoothly troweled or new concrete. If acid etching, follow manufacturer's recommendations.

CONCRETE/MASONRY BLOCK: Mortar should cure for at least 7 days and preferably 30 days prior to sealing. 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, reseal and recheck adhesion.

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

Before use, be sure to read and follow the instructions and warnings on the label.

Contact your local representative for any additional surface preparation guidelines.

RECOMMENDED PRIMERS

Product is self-priming. Refer to surface preparation for specific recommendations.

APPLICATION INFORMATION

KEEP OUT OF REACH OF CHILDREN. USE WITH ADEQUATE VENTILATION. Read all label and Safety Data Sheet (SDS) information prior to use. SDS are available from your retailer, through our website or by calling 1-800-463-7426.

Stir thoroughly before use.

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

Brush: High quality polyester/nylon brush.

Roller: 6 to 10 mm (1/4 — 3/8 in.) nap synthetic roller cover.

Airless Spray: Minimum requirements: Pressure 1800–2400 psi, tip 0.011 in. - 0.013 in.; flow rate 0.5 L/minute.

Spray equipment must be handled with due care and in accordance with the manufacturer's recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Conventional Spray: DeVilbiss MBC-510 gun; E tip; 704 Air Cap; 3/8 in. ID material hose; double regulated pressure tank with oil and moisture separator; 20 psi fluid pressure; 40–60 psi air pressure.

Thinning: The first coat may be thinned with up to 946 mL of fresh water per 3.78 L to aid in penetration and for better adhesion.

Note: For proper adhesion, the first coat of product must penetrate into the surface to mechanically anchor the sealer to the pore structure.

PRECAUTIONS

Keep out of the reach of children. Keep containers tightly closed and sealed until ready for use. Before using the products listed in this publication, carefully read each product label and follow directions for its use. Use personal protective equipment as required. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this preparation. **Note:** These warnings encompass the product series.

MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. Avoid breathing vapours, spray or mists. Avoid contact with skin and eyes. Wear protective gloves/clothing and eye/face protection.

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. In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Get medical attention if irritation develops. If inhaled, remove to fresh air. If experiencing respiratory symptoms call poison centre or doctor/physician.

For workplace use, an SDS are available from your retailer, through our website or by calling 1 800 463-7426.

EMERGENCY SPILL INFORMATION: 1 514 645-1320 or 1 800 463-7426.

LIMITED WARRANTY

PPG Architectural Coatings Canada, Inc. warrants performance of its products to its intended use if properly applied in accordance with the label directions and the specifications of the technical data sheet. Having no control over the application methods and conditions or the circumstances related to its use, no other warranty, expressed or implied, statutory or otherwise is given. This limited warranty extends only to the original purchaser of the product and is not transferable or assignable. If the product fails to conform to this limited warranty, we will, at your option, furnish replacement product or refund the purchase price. This limited warranty excludes (1) labour or costs of labour for the application or removal of any product and (2) all other direct, indirect, incidental, special or consequential damages.

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