



Architectural Coatings

Perma-Crete Plex-Seal™ WB Interior/Exterior Clear Sealer

GENERAL DESCRIPTION

Perma-Crete Plex-Seal WB Interior/Exterior Clear Sealer 4-6200 is a clear, non-yellowing, film forming, water-borne acrylic sealer ideal for use on interior/exterior, above-ground, vertical and horizontal surfaces. This fast drying sealer has excellent hot tire 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	Masonry	Stucco
Concrete	Non-glazed Ceramic Tile	
Exposed Aggregate	Stone	

CONFORMANCE STANDARDS

VOC compliant - lower than Federal AIM, OTC, LADCO and CARB 2000 regulations
MPI® approval in category #99, Sealer, Water Based Concrete Floors

APPLICATION INFORMATION

Application Equipment: Apply with a high quality brush, roller, or by spray equipment. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our web site or by calling 1-800-441-9695.

Airless Spray: Minimum requirements: Pressure 1800-2400 psi, tip .011"- .013"; flow rate 0.5 gal/minute.

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

Roller: Use 1/4 " to 3/8 " nap synthetic roller cover

Thinning: Product may be thinned with up to 1/2 pint of clean water for the first coat to aid in priming and penetration. Thinning of additional coats is not recommended.

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

FEATURES AND BENEFITS

Features

- Hot Tire Resistance
- Excellent Adhesion
- Alkali Resistance
- Efflorescence Resistance
- Application to 35°F (2°C)
- Excellent Application Properties
- Moisture Resistance
- Ideal for Exposed Aggregate
- Yellowing Resistance

Benefits

- Minimize staining and discoloration on traffic surface
- Resists peeling and cracking
- Can apply to fresh concrete at 7 days and surface pH of less 13 with 2 coats
- Minimizes white crusty salt deposits with 2 coats
- Longer painting season
- Less time for application and resists pinholing
- Extends substrate life
- Maintains natural appearance on multiple substrates
- Resists color change over time

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 discoloration

APPLICATION INFORMATION (continued)

Permissible temperatures during application:

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

PRODUCT DATA

PRODUCT TYPE:	Acrylic
BASE/COLOR:	4-6200 Clear
SHEEN:	Satin (depending on number of coats and porosity of substrate.)
CLEANUP:	Soap and Water
VOLUME SOLIDS:	23% +/- 2%
WEIGHT SOLIDS:	25% +/- 2%
VISCOSITY:	Water thin
VOC:	148 g/L (1.23 lbs./gal.)

COVERAGE: 300 to 500 sq. ft./gal. (28-46 sq. m/3.78L) on smooth, non-porous substrate

Wet Film Thickness:	4.0 mils
Wet Microns:	101
Dry Film Thickness:	0.92 mils
Dry Microns:	23.3

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

WEIGHT/GALLON: 8.52 lbs. (3.86 kg) +/- 0.2 lbs. (91 g)

DRYING TIME: Dry time @ 70°F (21°C); 50% relative humidity

To Touch:	30 minutes
To Handle:	1 hour
To Recoat:	2 hours
For Pedestrian Service:	24 hours
For Vehicle Service:	72 hours

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

FLASH POINT: Over 200°F (93°C)

GENERAL SURFACE PREPARATION

Surfaces to be coated must be dry, clean, sound, and free from all paint and contamination including dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove all paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding.

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 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 instructions and warnings on label.

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. In Canada contact a regional Health Canada office. Follow these instructions to control exposure 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 and MASONRY: 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.

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 prior to sealing. Vertical substrates may be conditioned with a coat of *Perma-Crete* Exterior Acrylic Clear Masonry Surface Sealer 4-808.

TINTING AND BASE INFORMATION

4-6200 Clear

DO NOT TINT.

RECOMMENDED PRIMERS

Product is self-priming.

Refer to Surface Preparation Recommendations

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LIMITATIONS OF USE

Do not apply to horizontal concrete floors that do not have a vapor barrier underneath, or to other surfaces where moisture gets behind the sealer.

Apply only when air and surface temperatures are above 35°F (2°C) and surface is at least 5°F (3°C) above the dew point. Air and surface temperatures must remain above 35°F (2°C) for the next 24 hours. Do not apply when air or surface temperature is below 35°F or above 100°F. For optimum application properties, bring material to 50-90°F. Surface pH limitation is 7-13 for two coat application. Allow 24 hours prior to pedestrian service; 72 hours for vehicle traffic.

Not intended for 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 mold, mildew, and algae. Examples of these conditions include, but are not limited to, under eaves, behind shrubbery and trees, and in areas that are consistently damp with little to no direct sunlight.

PROTECT FROM FREEZING.

USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

PACKAGING

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

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