

PPC AQUA ACRYLCOAT 25

PRODUCT TECHNICAL DATA SHEET

PPC AQUA ACRYLCOAT 25 is a low odor, low VOC, non-yellowing, water-based product designed for curing and sealing applications. PPC AQUA ACRYLCOAT 25 is a breathable coating that provides a low or medium gloss finish to a multitude of interior & exterior horizontal or vertical concrete and masonry finishes. PPC AQUA ACRYLCOAT 25 is self-crosslinking, which provides better film formation, early water resistance, adhesion, toughness and outstanding efflorescence and alkali resistance.

WHERE TO USE

- Patios
- Sidewalks
- Residential Garage Floors
- Concrete Retaining Walls
- Pre-cast Concrete Fencing
- Broom Finish Concrete
- Smooth Trowel Concrete
- Driveways
- Building Slabs
- Concrete Countertops
- Indoor Storage Units
- Most additional new concrete surfaces, both indoors and outdoors

ADVANTAGES

- Deep penetrating and ultra-low viscosity formula allows for easy application through sprayers.
- Perfect for low ventilated areas where low VOC's and low odor are required
- Can be applied to green concrete
- Provides enhanced performance for better flexibility, chemical resistance, non-blushing, adhesion, durability and hot tire resistance.
- Non-Yellowing formula assures product's superior resistance to the elements

THEORETICAL COVERAGE RATES

- First Coat: 250-350 ft² per gallon*
- Optional Second Coat: 350-400 ft² per gallon*

*Coverage rates may vary depending upon surface porosity, texture, application method and prior sealer application. Excessive build up should be avoided

PACKAGING & COLORS

Available in 5-gallon containers

Color: Clear

Mix Ratio: Single Component

MIXING

Stir well before using. Material may separate during long term storage.

SHELF LIFE AND STORAGE

12 months from the date of manufacture in original unopened factory sealed containers. Keep away from extreme cold, heat, or moisture. Keep out of direct sunlight and away from fire hazards.

SPECIFICATIONS / COMPLIANCES

ASTM C-309, Type 1, Class B

ASTM C-1315, Type 1, Class A

AASHTO M-148, Type 1, Class B

Meets OTC, CARB, LADCO & SCAQMD VOC restrictions

PHYSICAL/CHEMICAL CHARACTERISTICS

Solids/Active Content, Percentage by weight 25% +/- 1%

Dry Time-Tack Free: 1-2 hours

Dry Time - Foot Traffic: 4 hours - 6 hours

Dry Time - Heavy Traffic: 24 hours-48 hours

Re-Coat Time Window: 4-24 hours

Application Temperature: 50°F-80°F

VOC (Volatile Organic Compound) Content:
Less than 350 grams/Liter

Appearance - Wet: Milky White

Appearance - Dry: Clear and Medium Gloss

Information above is based on lab temperatures of 70-72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use.

OVERVIEW OF INSTALLATION STEPS

Mandatory Mockup: A 100-200 sq/ft mockup should be installed as a guide for installation and quality control panel days or weeks before the actual installation of the coating system. The mockup should be approved by an authorized representative of the Property Management for Slip Resistance, aesthetics, and functionality.

Surface Preparation:

Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure. May be applied when damp (not "wet") to freshly placed concrete surfaces as a cure & seal. Horizontal surfaces must be finished and show no "sheen" from bleed water. Substrate and air temperature must be no less than 40°F and not exceed 80°F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing. Note that in direct sunlight, substrate temperature can exceed 150°F which can cause extreme bubbling issues.

Application: Apply **PPC AQUA ACRYLCOAT 25** using an 3/8" long nap roller cover using long even uniform strokes at approximately 250-400 square feet per gallon depending on porosity and texture of substrate. An airless sprayer containing a 519 tip size may be used as well. Thick or puddle areas may prevent the solvent from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4-6 hours between coats. When using as a cure & seal, apply only one coat to meet specifications. Extreme bubbling and/or hazing may occur due to lack of permeability.

FOR BEST RESULTS

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited. **DO NOT USE ON BRICK**

Clean-up: Use soap and warm water. Dispose of containers in accordance with local, state and federal regulations.

Product Removal: Dried, cured sealer may be removed with a commercial paint stripper, such as Nock-Off or by using a diamond grinding method, sandblasting method or similar mechanical action

LIMITATIONS

- This product will freeze during storage. Store at temperatures above 40°F.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- Do not allow this product to be subjected to any form of rain or moisture for 18-24 hours after application.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product performs best when applied as one or two medium-light coats, not one heavy coat.
- Please be aware that this product when cured may be slippery when wet.
- This product is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin product. Improper thinning may cause sealer to delaminate in a short time frame.
- This product may darken the surface of many new and existing concrete slabs. Test prior to use.

LIMITED WARRANTY

PPC warrants its products to be free of manufacturing defects and that they will meet PPC current published physical properties. PPC warrants that its products, when properly installed by a state licensed contractor according to PPC guide specifications and product data sheets over a sound, properly prepared substrate, will not fail for a period of 12 months. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by PPC of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. PPC shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. PPC shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. PPC reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the users responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and PPC makes no claim that these tests or any other tests, accurately represent all environments. For further information please contact us at the following email address: orders@premierprotectivecoatings.com or visiting www.premierprotectivecoatings.com

DISPOSAL

Any surplus material, including both Part A and Part B components, should be combined and allowed to cure. Upon curing, the product can be disposed of without any restrictive conditions. Uncured materials should be securely stored in an appropriate sealed container and disposed of in strict adherence to the applicable provincial, state, municipal, and federal regulations.

CAUTION

ALWAYS KEEP OUT OF THE REACH OF CHILDREN
KEEP FROM FREEZING CONDITIONS
INTENDED FOR INDUSTRIAL USE ONLY