TECHNICAL DATA SHEET

PCA-340

WaterBorne Low Viscosity Acrylic Grout & Sealer

Paramount Coatings – PCA-340 WaterBorne Low Viscosity Acrylic Grout & Sealer is a UV resistant, breathable, single-component grout and sealer. It is used as a clear vinyl chip grout, and is used as clear or pigmented sealer over concrete and cementitious overlayment. It meets all VOC regulations in North America.

COLOR
Clear Gloss
Pigmented with Paramount Color Pacs

FEATURES
- Complies with USDA, FDA, Food Safety Modernization Act.
- With the Correct Aggregate it Meets Slip Resistance (ADA) for flat and incline surfaces.
- LEED® and Green Seal® requirements.
- VOC and EPA Compliant.
- Cures to an inert finish.
- Designed for new floors and for resurfacing old floors.
- UV stable

LIMITATIONS
- This product is best suited for applications in temperatures between 60^0F to 90^0F (16^0C to 32^0C) and when the humidity is below 85%.
- Color may vary due to batch to batch variation, always "box" different batches to avoid color differences.

USES
Grout and Seal
- Use as a grout coat on vinyl chip floors.
- Place direct to properly prepared concrete and cementitious overlayment.
- Residential Interiors and Garage Floors

COVERAGE RATE PER GALLON
- Grout Coat: 200 sq. ft. (18.58 sq. m)
  WFT 8 mils (0.20 mm)
- Sealer over concrete or cementitious over-layments 300 to 400 sq. ft. (27.9 to 37.2 sq. m)
  WFT 5.4 to 4 mils (0.14 to 0.10 mm)

CHECK CONCRETE MOISTURE
Concrete must be dry before application of this floor coating material. Concrete moisture tests are required, either ASTM F1869 (calcium chloride) or ASTM F2170 (in situ RH probe).

TEMPERATURE and HUMIDITY
Floor and material temperature must be at or above the published Technical Data Sheet requirements. Relative Humidity must be 5^0F (3^0F) below the dew point. Do not apply if humidity is at or above 85%.

SURFACE PREPARATION
Surface preparation in accordance with: ICRI Guideline No. 310.2R Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays, and Concrete Repair. The pH of the concrete substrate should be at 9 or above. All bond-breaking material must be removed.

APPLICATION EQUIPMENT
Depending on system applied: Disposable 3" brush for cutting in, variable low speed drill (450 rpm) with Jiffy® type impeller mixing paddle, 3/8 inch nap non-shedding phenolic core roller and rubber squeegee for spreading neat polyurethane.

MIXING
Mix Ratio Single Component. Premix to ensure all raw material and pigments are dispersed uniformly.

APPLICATION
After mixing all contents as instructed, immediately pour all liquid material onto the properly prepared concrete substrate or next epoxy lift in ribbons and squeegee the material out evenly. Check for desired wet film thickness with a WFT Gauge. Back-roll and cross rolling of material is critical.

CLEAN-UP
Clean-up mixing station, tools and equipment as required. Use acetone, a VOC exempt solvent, for cleaning up. Observe all legal, and health and safety precautions when handling or storing solvents and materials, particularly in confined spaces. Make sure the working areas are well ventilated at all times during placement and curing time.

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PHYSICAL PROPERTIES 77°F (25°C)

VOC (Volatile Organic Compounds), (VOC Calculated Per ASTM D3960)	< 75 gr./lt.
Standard Viscosity Clear	250 – 300 cps
Percent Solids, Clear by Volume	35% to 38%
Percent Solids, Pigmented by Volume	45% to 48%
Mix Ratio, by Volume	Single Component
Recoat Time	30 to 60 Minutes
Light Traffic	4 to 6 Hours
Full Cure	3 Days
Shelf Life (shipped and stored) at 40^0F to 100^0F (4.4^0C to 38^0C)	1.5 Years
Packaging 1 gal. and 5 gal. (3.8 lt. and 18.9 lt.)	
Note: Although testing is critical, it is not a guarantee against future problems. This is especially true if there is not a positive side vapor barrier or it is not functioning properly and/or concrete is contaminated from oils, chemical spills, densifiers, excessive salts or other bond breakers.	

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DISCLAIMER:

Please read all information in the Safety Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. Paramount Coatings Products are for **"Professional Use Only"** and preferably applied by professionals who have prior experience with the Paramount Coatings Products or have undergone training in application of Paramount Coatings Products. Published technical data and instructions are subject to change without notice. Contact your local Paramount Coatings representative or visit our website for current technical data, instructions, and project specific recommendations.

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 user's 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 Paramount Coatings makes no claim that these tests or any other tests, accurately represent all environments.

LIMITED WARRANTY

There is NO WARRANTY exists if the buyer has not met the Paramount Coatings Terms and Conditions of Sales. Paramount Coating warrants its products to be free of manufacturing defects and that they will meet Paramount Coating current published physical and chemical properties. Seller's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by Paramount Coating of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product Paramount Coating 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. Paramount Coating 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. Paramount Coating reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.