

### Product Description

PC-220 Vertical is a single component, liquid applied, moisture cured, aromatic polyurethane elastomeric waterproofing base membrane. Make sure to use the correct grade of product which complies with VOC regulations/requirements applicable as per federal, state, statutory, counties, cities and local bodies at the place of installation.

### Features

- Moisture Cured
- Seamless Waterproofing Membrane

### Typical Uses

- Concrete
- Metal
- Plywood
- Wood

### Packaging

<b>5-Gallon</b>	5 gallon (18.9 liters) pail
<b>55-Gallon</b>	55 gallon drum, net fill 50 gallons (189 liters)

### Color

Grey or Tan

### Surface Preparation

Refer to General Guidelines for complete information.

### Mixing

Before application, mix PC-220 Vertical using a mechanical mixer at slow speed thoroughly until a homogeneous mixture and color is attained. Use care not to allow the entrapment of air into the mixture. Do not mix in an up and down motion.

### Application

For best results, use a squeegee or notched trowel. A phenolic resin core roller may be used but extra care should be taken not to trap air which may result in bubbles.

Requires a continuous coating application to minimize lines and/or streaking.

It is recommended to apply an aggregate of washed, dry, rounded sand, approximately 16 or 20 mesh (0.84-1.19 mm), 6.5+ Mohs minimum hardness at a rate of

### Typical Data (Based on Draw Down Film)

<b>Coverage Rate</b>	1 gal/100 sqft 0.41 l/sqm
<b>Dry Film Thickness per Coat</b>	11 ± 2 mils 279 ± 50 μ
<b>Hardness, ASTM D2240</b>	70 ± 5 Shore A
<b>Tear Resistance, Die C ASTM D624</b>	150 ± 25 pli 26.3 ± 4.4 kN/m
<b>Tensile Strength, ASTM D412</b>	800 ± 150 psi 5.5 ± 1.0 MPa
<b>Ultimate Elongation, ASTM D412</b>	600 ± 100%
<b>Specific Gravity</b>	1.20 ± 0.03
<b>Total Solids by Weight, ASTM D2369</b>	80 ± 3%
<b>Total Solids by Volume, ASTM D2697</b>	70 ± 2%
<b>Viscosity at 75°F (24°C)</b>	10,000 ± 3,000 cps
<b>Volatile Organic Compounds, ASTM D-2369-81</b>	<250 gm/liter

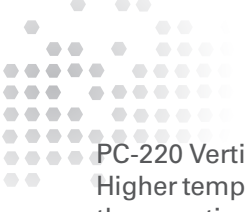
20 lbs/100 sqft (1kg/sqm) or as required to achieve a slip-resistant finish, into the wet second coat, covering it completely. Broadcast sand until refusal and when the coating is dry, remove extra loose sand, preferably by vacuum.

Most applications require one or two coats. Please reference gallons required in the desired system sheet. To obtain proper adhesion between coats, it is imperative that re-coating be done within 48 hours.

### Curing

At 75°F (24°C) and 50% relative humidity, allow coating to cure 16 hours before proceeding to subsequent coats. Cure time will vary depending on temperature and humidity. If more than 48 hours passes between coats, reprime the surface with Polyprime U before proceeding.

If accelerated curing is required, add one quart of PC-50 in a 5 gallon pail of PC-220 Vertical and mix thoroughly. This accelerated PC-220 Vertical will cure in 6-8 hours at 75°F (24°C) and 50% relative humidity. If PC-50 Accelerator is used, then re-coat should be done within 12 hours after cure. If re-coat window is passed than solvent wipe the surface with VOC compliant solvent and re-prime surface with Polyprime U.



PC-220 Vertical is very sensitive to heat and moisture. Higher temperatures and/or high humidity will accelerate the cure time. Use caution in batch sizes and thickness of application.

Low temperature and/or low humidity extend the cure time.

### Cleanup

Equipment should be cleaned with an environmentally safe solvent, as permitted under local regulations, immediately after use.

### Storage

PC-220 Vertical has a shelf life of 1 year from date of manufacture in original, factory-sealed containers when stored indoors at a temperature between 60-95°F (15-35°C).

### Limitations

This product is not UV Stable.

The following conditions must not be coated with Polycoat deck coatings or systems: split slabs, buried membrane, sandwich slabs with insulation, slabs over unvented metal pan, magnesite, and non-structural lightweight concrete. On grade slabs may receive Polycoat system coatings provided a moisture-vapor transmission test is first performed. Please contact Polycoat technical department with the results.

With regard to coating asphalt surfaces, please contact Polycoat technical department.

Surfaces must be dry, clean and free of foreign matter. Clear coating may turn opaque and cloudy due to moisture penetration, especially in exterior applications. Surface may be slippery when wet. Containers that have been opened must be used as soon as possible. Do not dilute under any circumstance.

### Warning

This product contains Isocyanates and Solvent.

**Limited Warranty:** Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These products are for professional use only and to be applied by professionals who have prior experience and training with the use and application of our materials, and who are fully aware of all Federal, State and local rules, regulations, and code requirements for storage, transportation, handling, installation, and application. Published technical data and instructions are subject to change without notice. Contact your local representative or visit our website for current technical data, SDS, instructions, and project specific recommendations. We warrant our products to be free of manufacturing defects and that they will meet our current published physical properties within the shelf life of products.

Our sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. We will not be liable for damages of any sort, including remote or consequential or punitive damages resulting from any claimed breach of any warranty whether expressed or implied. We will also not be responsible for use of this product in a manner to infringe on any patent held by others. No warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, adhesion, 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. We reserve the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator. Your sole and exclusive remedy against us shall be limited to the paid cost of the materials sufficient to replace any affected areas where product failure has occurred. The cost of replacement materials shall, in no event, exceed the value of the original purchase price of the products, subject to equitable reductions for time of use.

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