Product Description
PC-440/440SC is a single component, liquid applied, moisture-cured, aromatic polyurethane elastomeric waterproofing base membrane, designed for use in most areas of California to be in compliance with air quality standards. 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
- Economical
- Moisture Cured
- Seamless Waterproofing Membrane

Typical Uses
- Concrete
- Masonry Surfaces
- Metal
- Plywood
- Wood

Packaging
- 5-Gallon 5 gallon (18.9 liters) pail
- 55-Gallon 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-440/440SC using a mechanical mixer at slow speed. Mix PC-440/440SC 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 20 lbs/100 sqft (1 kg/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 two coats. To obtain proper adhesion between coats, it is imperative that recoating be done within 48 hours. If re-coat window has passed, then solvent wipe the surface with VOC-compliant solvent and re-prime with Polyprime® U.

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-440/440SC and mix thoroughly. This accelerated PC-440/440SC 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 has passed, then solvent wipe the surface with VOC compliant solvent and re-prime surface with Polyprime U. PC-440/440SC 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-440/440SC 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 Polycote 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 Polycote system coatings provided a moisture-vapor transmission test is first performed. Please contact Polycote technical department with the results.

With regard to coating asphalt surfaces, please contact Polycote 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 Curative Material.

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**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 preferably applied by professionals who have prior experience with the Polycote Products materials or have undergone training in application of Polycote Products materials. Published technical data and instructions are subject to change without notice. Contact your local Polycote Products representative or visit our website for current technical data, instructions, and project specific recommendations.

Polycote Products warrants its products to be free of manufacturing defects and that they will meet Polycote Products’ current published physical properties. Seller’s and manufacturer’s sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by Polycote Products of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Polycote Products 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. Polycote Products 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. Polycote Products reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

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