

► PC Primer

Porous Concrete Primer

Ghemco PC Primer is a two component, high solids, liquid applied, epoxy-polyamine filler surfacer with unique characteristics of sealing pores in concrete. Suitable for tanks where PolyGhard 2000PW is to be applied.

FEATURES & BENEFITS

- Low Odor
- High Solids
- Solvent Free
- Excellent Adhesion

TYPICAL USES

- Concrete
- Steel
- Tanks (including underneath PolyGhard 2000PW)
- Polyurethane Elastomeric Surfaces

DIRECTION OF USE

Coverage

The approximate coverage is 1 gallon/200 sq ft (0.20 l/sqm) or 200 sq ft/gallon. Coverage rate will depend on surface roughness and porosity.

Surface Preparation

Remove all contaminant, oil and grease from substrate. Refer to General Guidelines for complete information.

Mixing

The volume ming ratio is 1 part A-Side to 1 part B-Side (1A:1B). DO NOT mix in an up and down motion.

PC Primer A-Side and B-Side should be thoroughly mixed individually prior to combining to ensure a homogeneous material. PC Primer MUST ALWAYS be mixed with 1 part A-Side and 1 part B-Side (1A:1B). The combined components should be thoroughly mixed using a mechanical mixer at slow speed.

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DIRECTION OF USE

Application

PC Primer should be used on rough or porous concrete, or when outgassing is a concern. PC Primer can be applied using a flat squeegee, phenolic resin core roller, trowel or airless spray.

Finishing

Allow PC Primer to become tack free before applying the coating. Approximate tack free time is 3-5 hours at 75°F (24°C) and 50% relative humidity. If the primer has been allowed to remain tack free for more than 12 hours, it is necessary to solvent wipe surface with VOC-compliant solvent and re-prime the surface.

Recommended surface temperature should be greater than 50°F (10°C) and at least 5°F (3°C) above the dew point.

PC Primer is very sensitive to heat. Higher temperatures will significantly accelerate the cure time and pot life. Use caution in batch sizes and thickness of application. Low temperature will extend the cure time.

Cleanup

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

SAFETY

Storage

PC Primer 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

Not UV stable. PC Primer should be coated within 12 hours after it has become tack free. Surfaces must be dry, clean and free of foreign matter. Containers that have been opened must be used as soon as possible. PC Primer is difficult to clean up after it has cured. Do not dilute PC Primer. Mix no more material than can be used within 20 minutes.

Warning

This product contains Epoxy Resin and Curatives.

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TECHNICAL DATA

Coverage Rate	1 gal/200 sq ft (0.20 l/sqm)
Dry Film Thickness	7 ± 1 mils (48 ± 25 microns)
VOC	0.46 lb/gal (55 gm/liters)
Pot Life at 75°F (24°C), 50% RH	30 - 45 min
Hardness, ASTM D-2240	70 ± 5 Shore D
Specific Gravity A-Side / B-Side	1.34 ± 0.1 / 1.96 ± 0.1
Total Solids by Weight	94.5 ± 2%
Total Solids by Volume	91.4 ± 2%
Viscosity at 75°F (24°C)	3000 ± 200 cps
Mixing Ratio	1A:1B
Packaging	2gal kit / 10gal kit
Color	A-Side: Black / B-Side: White

* This information is intended only as a guide for design purposes. The values shown are the average values obtained from sprayed laboratory samples. The test methods were performed per the ASTM Book of Standards. Higher or lower temperature & humidity conditions will affect dry time. The information contained herein is for purposes of identifying the product and does not constitute a warranty that the product will conform to that description. Product specifications and performance will vary depending on application methodologies, raw materials and other factors.

Please read all information in the general guidelines, technical data sheets, application guide, and safety data sheets (SDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Ghemco Representative or visit our website for current technical data and instructions. 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 user's responsibility to satisfy himself, by his own information and tests, 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 hazards listed herein are the only ones that 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 verbal or in writing, 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 Ghemco makes no claim that these tests or any other tests, accurately represent all environments.