

**EPO-ROK<sup>®</sup>**  
PRIMER**Technical Data Sheet****DESCRIPTION:**

A two-component, penetrating 100% solids, light amber, epoxy-based primer/bond coat.

**USES:**

Designed for use as a primer/bond coat specifically in conjunction with EPO-ROK<sup>®</sup> FLOORING and QUARTZ FLOORING systems. Formulated to penetrate and reinforce the concrete substrate in addition to ensuring a tenacious bond between the EPO-ROK FLOORING and the concrete floor.

**PACKAGING:**

The EPO-ROK<sup>®</sup> PRIMER system is packaged in kits as pre-proportioned batches for error-free jobsite mixing and application. Each small unit carton consists of one (1) quart can of Part "H" Hardener and one (1) gallon can of Part "R" Resin. The Part "R" container is oversized which allows for easy mixing of the two components.

Each large two batch unit consists of 2 loose 5 gallon pails of Part "R" Resin and 2 one gallon cans of Part "H" Hardener which are packed together in a corrugated box. The contents of one can of Part "H" are completely added to the contents of one pail of Part "R". The pail is oversized for mixing. Each mixed batch contains 2.4 gallons, 4.8 gallons per two-batch kit.

**COVERAGE:**

Approximately 800-1,200 sq. ft. per kit over relatively smooth concrete floor.

**LIMITATIONS:**

Technical Data Sheets are updated periodically. To ensure the most current version is being used, visit Technical Resources on [www.valsparflooring.com](http://www.valsparflooring.com).

Proper material application is the responsibility of the user. Site visits made by Valspar personnel are for making technical recommendations only and not for supervising or providing quality control.

**SURFACE PREPARATION:**

In general, the surface to be resurfaced must be clean, sound, dry and above 60°F to assure a successful installation. Loose or soft concrete must be removed by scarifying, sand blasting or high pressure cleaning. Then all oil, grease, wax, laitance and other surface contaminants must first be thoroughly removed. Either chemical or mechanical methods or a combination of both should be employed to prepare the surface.

**STANDARD TESTS:**

Refer to the standard test methods below for further information.

ASTM D 4258-83	Standard Practice for Surface Cleaning Concrete for Coating
ASTM D 4259-83	Standard Practice for Abrading Concrete
ASTM D 4260-83	Standard Practice for Acid Etching Concrete
ASTM D 4262-83	Standard Test Method for pH of Chemically Cleaned or Etched Concrete Surfaces

**CHEMICAL PREPARATION:**

PC-40 DYNAMITE should be used as directed to remove all traces of grease, oil, and dirt followed by a thorough rinsing to remove all cleaning residues. Remove excess water with a good wet vacuum. To remove laitance and to give a slight texture to area to be surfaced, acid-etch using PC-42 ACID CONDITIONER. Using a 1:1 dilution ratio with water, apply evenly as possible to the surface and vigorously scrub into the surface with a stiff bristle brush or automatic scrubber. Thoroughly rinse with copious quantities of water and use wet vacuum to remove any residues. Repeat this process until concrete surface is the texture of medium grit sandpaper.

**MECHANICAL PREPARATION:**

Mechanically abrade the concrete, by grinding, scarification or "shot-blasting" the surface to the texture of medium grade sandpaper. Next, sweep and vacuum any remaining dirt and dust with a wet/dry vacuum. Removing residual dust will help ensure a tenacious bond from the primer.

Whenever “shot-blasting” is utilized, be careful to leave concrete with a uniform texture. Over “blasting” will result in reduced coverage rates of the primer and/or subsequent topcoats. It is also possible that the texture of the “shot-last pattern may show through the last coat. This is known as “tracking”.

NOTE: Although, chemical preparation may be required on some surfaces, mechanical preparation is highly recommended and in most cases more efficient. It is not uncommon that a combination of the two is required.

**MIXING:**

Before proceeding with the mixing and application of the EPO-ROK PRIMER, make sure the surface is properly prepared and the temperature of the floor, room and material are above 60°F.

1. Carefully empty the contents of the Part "H" Hardener entirely into the can of Part "R" Resin.
2. The small unit should be stirred with a paint paddle while the large unit is mixed using a "Jiffy Mixer". Mix until completely blended. This will take about 1-1/2 to 2 minutes. Be careful to mix the contents completely to avoid weak spots in the primer.

**APPLICATION:**

1. Using a high quality 3/8" nap roller, apply the EPO-ROK PRIMER as evenly as possible at the rate of 800-1,200 sq. ft. per kit. Avoid leaving puddles in rougher areas.
2. Next, a clean silica sand (#16-20) is broadcast by hand onto the primed surface at the rate of 4 to 4-1/2 lbs. per 100 sq. ft. as evenly as possible, avoiding any excess build-up of sand.
3. The application of the EPO-ROK FLOORING should begin right away over the "wet" primed surface. If the Primer is allowed to set before covering with the Epoxy Flooring, the surface must be reprimed before application.

**POT LIFE:**

Approximately 30 minutes if applied as indicated above at 75°F. There is approximately 2 hours open time after the primer is applied before it will become too firm to adhere to.

**CLEAN UP:**

Wipe excess uncured epoxy liquids from the application equipment. Then, soap and water, Xylol, or UR-9 MCU THINNER can also be used to complete the clean-up.

**REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER SAFETY AND HANDLING INFORMATION.**

**See individual labels for more caution statements.**

**KEEP OUT OF THE REACH OF CHILDREN.**

**DISPOSAL:**

Dispose in accordance with federal, state, and local regulations. Use licensed hazardous waste company.

Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. All label warnings must be observed until the container has been commercially cleaned or reconditioned.

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