



P-375

OIL TOLERANT PRIMER

PRODUCT DATA SHEET

PRODUCT DESCRIPTION

PolyMax, P-375 is an exceptional new, oil and moisture tolerant epoxy based primer. Intended for use with other **PolyMax** seamless floors, use P-375 to improve adhesion to any petroleum oil contaminated concrete substrate. **P-375** can also be used to enhance adhesion of membrane systems, polymer overlayment, and polymer setting beds. When using **P-375** primer, always test for compatibility and get finish manufacturer's approval before using P-375 as a primer.

TYPICAL USE

Choose **P-375** as a primer for extra insurance against bond failures when concrete substrate has been saturated with oil and grease. Universal **P-375** was specifically designed for use as a primer for troweled epoxy, broadcast floors, slurry and self leveling polymer floors, even epoxy and acrylic terrazzo floors in most heavy duty, industrial and commercial applications.

It is commonly used as the first step in renovating floors in heavy industry, such as automotive manufacturing, machine shops and metals processing plants.

FEATURES

- **Unique Formulation**
- **Exceptional Bond Strength to Oily Surfaces**
- **VOC Compliant, high solids primer**
- **Low odor**
- **Faster Return to Service**
- **Reduced Repair Costs**

STORAGE

For best shelf life, store **P-375** in a dry area at temperatures between 50° F and 90° F. Protect product

from freezing. Preferred installation temperature is 70° F to 80° F. Minimum shelf life is one year from date of manufacture.

CAUTION

PolyMax P-375 is intended for use by professional applicators. Although safe if properly handled, all personnel who are exposed to any chemical must read and completely understand precautions and warnings on label and MSDS prior to use.

INSTALLATION

The performance of any floor coating is highly reliant upon proper preparation of the substrate. For assured adhesion, substrate must be free of all surface contamination such as built up grease and dirt, oil, latence or curing compounds. Oily or greasy concrete should be first degreased with Hal-o-dox or similar cleaner, then shot blasted or acid etched and neutralized to create a surface texture similar to coarse sandpaper.

After mechanically cleaning the concrete surface, a thorough degreasing is suggested to remove any remaining grease or oil residue. Apply Hal-o-dox 200 or any equivalent high quality, non-sudsing, free rinsing detergent with a stiff bristle brush. Allow to stand for 15 minutes. Vigorously agitate surface with power scrubber. Rinse and remove all excess water with squeegee or wet/dry vacuum and let floor dry completely.

After substrate is properly prepared, **P-375** epoxy primer is normally brushed into surface with a stiff bristle broom, followed by a tight squeegee application to force primer into substrate and prevent any puddling. Allow to cure to a tacky surface (approx. 6 hrs. @ 75° F) before beginning installation of floor system.

LIMITATIONS

Not designed for animal, vegetable or synthetic oil contaminated surfaces. Avoid on or below grade applications where water vapor transmission is greater than 5 lbs./1000 sq. ft. per 24 hrs. or where ambient operating temperatures exceed 180F. Apply at temperatures above 55° F. Allow to cure before applying topcoats.

COVERAGE

Estimated coverage is 250 square feet per gallon. This will vary greatly with porosity of concrete.

CURE RATES

Optimum working temperature is 75°F. Add approximately 1 hour to cure times for each 4°F, below or deduct approximately 30 minutes from standard cure time for each 4°F above optimum temperature. Working environment should be between 55°F and 90°F. Slab temperature must be above 50°F. Apply overlayment while surface has slight tackiness.

Cure, slight tack	6 hrs. @ 75° F, 55% RH
Pot Life	20 mins. @ 75° F, 55% RH
Recoat Time	Must be coated within 24 hrs.

Physical Property	Test	Result
Tensile Strength	ASTM D-638	6,297 psi
Flexural Strength	ASTM C-580	7,127 psi
Bond Strength	ASTM-D-4541	Concrete Failure
Water Absorption	ASTM C-413	<.01
Indentation	MIL-D-3134F	.003"
Elongation	ASTM D-638	7%
Solids Content	by weight	87%

Actual test results may vary due to the use of various aggregates, application methods and floor finish. The foregoing test results are based upon laboratory prepared samples and results may vary if not prepared by a professional technician.

COMPLIANCES

V.O.C.

1.4 lbs. per gallon
165 grams per liter.

P-375 is compliant with the State of California Air Resources Board approved architectural coatings volatile organic compound (VOC) rule, San Diego APCD Rule 67, New York City AQMD Rule 205 and the New Jersey VOC requirements.

PACKAGING

P-375 is normally packaged in 5 gallon pails. Smaller packaging is available at additional cost.

AVAILABILITY

PolyMax products are available only through selected and approved applicators and distributors. This material is intended for commercial and industrial installations and should be installed by skilled, seamless flooring technicians. It is neither designed for, nor available for consumer use.

COLOR SELECTION

P-375 is available in clear.

CAUTION:

COMPONENTS OF OR PRODUCTS USED WITH AND DURING THE INSTALLATION OF **POLYMAX** PRODUCTS MAY INCLUDE HAZARDOUS MATERIALS. All personnel exposed to or handling materials before and during installation must read and fully understand label precautions and Material Safety Data Sheets.

LIMITED WARRANTY

PolyMax products are manufactured to meet the highest level of consistency and quality for their intended use. All products are warranted to meet the physical properties as listed above. Should any **PolyMax** products be proven to be defective within one year of the date of shipment, the products will be either replaced or at our discretion a credit for the full purchase price will be issued. The successful performance of seamless flooring is highly dependent upon many factors beyond our control. Therefore, except for such replacement or refund **PolyMax** MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS, DESIGN COMPATIBILITY OR MERCHANTABILITY, RESPECTING ITS PRODUCTS. Other than that stated in the foregoing, **PolyMax** shall have no other responsibility or liability, including direct and/or indirect and/or consequential damages and/or damages from delay and/or damages to any third party with respect to the use of its products. Claims regarding product quality must be received in writing within 30 days of discovery of defect.

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12005 N. Virginia Avenue, Oklahoma City, OK 73120
Phone: 1-405-755-8454 Fax: 1-405-755-8449