

CHEMSEAL 2400-PES
Penetrating Epoxy Sealer

Technical Data

DESCRIPTION: Chemseal 2400-PES Sealer is a specially formulated impregnating epoxy that penetrates and tempers concrete, wood and masonry surfaces. It is a two-component product. When properly blended, it will produce a plastic with extreme physical toughness, high chemical and solvent resistance, and should be used wherever maximum performance in extremely aggressive environments is required.

RECOMMENDED USES: Concrete floors, docks, parking ramps, walkways, balconies, piers, steps and any concrete surface where “dusting” is a problem.

CHEMICAL RESISTANCE: Blocks penetration of gas, oil, brine and other chemicals. For additional chemical resistance please consult the Parker Technical Department for your specific application.

PHYSICAL CHARACTERISTICS: Excellent mar resistance. Extreme physical toughness. High resistance to many chemicals and solvents.

VOLUME SOLIDS: 26%

FLASH POINT: Part A: -15 deg. F. TCC Part B: -15 deg. F. TCC

SUGGESTED DRY FILM THICKNESS: 1-3 mils per coat for finished system.

EXPECTED COVERAGE: Hard/dense finish: 417 square feet per unit at the suggested dry film thickness. Rough/porous finish: 200 square feet per unit at the recommended dry film thickness. Coverage will increase by approximately 50% with recommended second coat.

COLOR: Clear with amber cast.

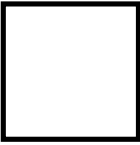
PACKAGING: 1 unit - 1 gallon Part A, Activator
1 gallon part B, Base

SHIPPING WEIGHT: 1 unit = 15 lbs.

USDA APPROVAL: Yes

All technical advice, recommendations and services are rendered by the Seller gratis. They are based on technical data which the Seller believes to be reliable, and are intended for use by persons having skill and know-how, at their own discretion and risk. Seller assumes no responsibility for results obtained or damages incurred from their use by Buyer in whole or in part. Such recommendation, technical advice or services are not to be taken as a license to operate under or intended to suggest infringement of any existing patent.

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CHEMSEAL 2400-PES

Application Data

SURFACE PREPARATION: General Surface Preparation - NEW CONCRETE AND WOOD: Remove all dust, dirt, grease and other contaminants. Surface must be thoroughly dry before application of sealer. OLD CONCRETE: Remove all powdery and weak concrete. Make sure all other contaminants have been removed. Power scrubbing, rinsing and wet vacuuming surface are ideal methods of cleaning. In some areas acid etching may be required. METAL SURFACES: Should be cleaned by solvent degreasing.

PRIMER: No primer required.

MIXING: Mix contents of Part A with contents of Part B. Mix thoroughly for 3-5 minutes. Allow 20 minutes for induction time.

POT LIFE: 2-4 hours, depending on temperature conditions

APPLICATION TEMPERATURE: Do not apply when surface or atmospheric temperature is below 40 degrees F. For best results the material temperature should be 70-85 degrees F. and atmospheric temperature should remain above 70 degrees F. for at least 48 hours while curing.

CURE TIME: Chemseal 2400-PES cures by chemical polymerization at normal room temperature in the following manner. Time may vary with temperature and humidity.

<u>Surface Temp.</u>	<u>Recoat</u>	<u>Traffic</u>	<u>Chemical Spill</u>
60 deg. F.	16 hrs.	36 hrs.	5 days
75 deg. F.	6 hrs.	24 hrs.	72 hours

Maximum chemical and solvent resistance -- 5 to 7 days at 70 degrees F., 50% relative humidity.

APPLICATION: Apply brush, roller, airless sprayer, conventional sprayer or squeegee. Do not apply where excessive moisture is present. When using a squeegee method of application, pour the mixture onto the surface and spread with a broom. Using a wide squeegee remove excess, following immediately with lamb wool applicator to eliminate any squeegee marks or puddles, leaving a thin, even film on the surface.

CLEAN UP: Clean all spills and tools immediately with P32T Thinner or hot soapy water.

CAUTION: It is recommended that the personnel observe good personal hygiene. Certain personnel may be sensitive to various types of resins which may cause dermatitis. Do not use in confined space or closed area without adequate ventilation. This product may be irritating to eyes and skin. Avoid contact with liquid components A and B and keep mortar from touching tool handles and clothes. Use coveralls, goggles, rubber gloves or protective cream. Always wash thoroughly with soap and warm water after use. Should accidental eye contact occur, wash thoroughly with water and consult a physician immediately. U.S. Department of Labor approved material data sheet is available.

LIMITED WARRANTY: The Manufacturer warrants this product to be free from defects in material and workmanship under normal use and service for a period of one year of the date of purchase. The Manufacturer's sole liability shall be limited to replacing this product if, within one year of the date of purchase, it is shown to be defective. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS OF PURPOSE. THE MANUFACTURER SHALL NOT BE LIABLE FOR INDIRECT, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES OF ANY KIND. This warranty shall not be extended, altered or varied except by a written instrument signed by the Manufacturer.

