



CHEMSEAL 2445-WRE **Water Reducible Epoxy**

Technical Data

DESCRIPTION: Chemseal 2445-WRE Water Reducible Epoxy is a two-component modified polyamide cured system designed to give a very durable, abrasion resistant finish to concrete or wood floors. It provides excellent wear resistance as compared to oil based coatings without the problem of premature yellowing or the odors of oil based enamels, and with the ease of cleaning using only water.

RECOMMENDED USES: Steel decking - warehouse floors - aisleways - hardwood floors - print shops - manufacturing facilities - food processing plants - canneries.

CHEMICAL RESISTANCE: Industrial cleaners, oil and many chemicals. For additional chemical resistance please consult the Parker Technical Department for your specific requirements.

PHYSICAL CHARACTERISTICS: Low V.O.C. and odor. Excellent penetration. Light stability.

FINISH: Gloss

VOLUME SOLIDS: 54%

FLASH POINT: Part A: 120 deg. F. Seta Flash
Part B: 120 deg. F. Seta Flash

SUGGESTED DRY FILM THICKNESS: 2-4 dry mils

THEORETICAL COVERAGE: 430-216 square feet per gallon at suggested DFT

COLORS: Amber, gray, white, others available upon request

PACKAGING: 1 unit = 1 gallon (short filled) Part A, Activator
1 quart (full) Part B, Base

SHIPPING WEIGHT: 1 unit = 10 lbs.

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.

PARKER COATINGS, INC. - 2451 W. MASON ST. - GREEN BAY, WI 54303
920-494-9676 800-236-9676



CHEMSEAL 2445-WRE

Application Data

SURFACE PREPARATION: General Surface Preparation Instructions: NEW CONCRETE - remove all dust, dirt, grease and other foreign materials. For maximum adhesion, acid etching is required. Surface must be thoroughly dry before application. METAL should be cleaned by solvent degreasing. WOOD should be free of dust, dirt, grease and other foreign materials. On TILE remove all wax or topcoat and clean thoroughly.

PRIMER: Not required.

MIXING: Mix Part B into Part A for approximately five(5) minutes. Allow approximately five(5) minutes for induction time before application.

POT LIFE: 45 min. - 1 hour at 70 deg. F. and 50% R.H.

APPLICATION TEMPERATURE: Do not apply when temperature is below 50 deg. F. or above 95 deg. F. Temperature of substrate should be 60-70 deg. F.

CURE TIME: Tack free - 2-3 hours. Recoat - 4-16 hours at 70 deg. F. and 50% R.H.

APPLICATION: Brush, roll, or spray. Back roll for maximum penetration when spray applied. Do not apply when excessive moisture is present. When roll applying, use a 3/8 inch nap roller.

CLEAN UP: Clean spills and tools immediately with 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.