

# CHEMSEAL 2405-WCE

Water Clear Epoxy

# Technical Data

**DESCRIPTION:** Parker Chemseal 2405-WCE Water Clear Epoxy is a two-component modified cycloaliphatic activated epoxy sealer formulated to provide superior adhesion with a mar resistant finish. The 2405-WCE Water Clear Epoxy displays excellent chemical resistance and a clear, blush free, high gloss finish. The 2405-WCE emits no odor/low odor during application and cure.

**RECOMMENDED USES:** Sealers over decorative flooring systems or as sealers where maximum chemical resistance is required.

### CHEMICAL RESISTANCE:

Gasoline	at 75 deg. F.	Good, recommend clean up within 2 hours.
HCl	10% at 75 deg. F.	Excellent, recommend clean up within 16 hours
HCl	20% at 75 deg. F.	Excellent, no effect after 20 day exposure.
HCl	37% at 75 deg. F.	Excellent, recommend clean up within 144 hours.
Lactic Acid	8.5%, 85% at 75 deg. F.	Excellent, recommend clean up within 16 hours.
M.E.K.	at 75 deg. F.	Good, recommend clean up within 2 hours.
Nitric Acid	10% at 75 deg. F.	Good, recommend clean up within 2 hours.
Phosphoric	8.5% at 75 deg. F.	Excellent, recommend clean up within 16 hours.
Phosphoric	85% at 75 deg. F.	Good, recommend clean up within 2 hours.
Sodium Hydrx	10%,20%,50% at 75 deg. F.	Excellent , recommend clean up within 96 hours.
Sulfuric	5% at 75 deg. F.	Excellent, recommend clean up within 144 hours.
Sulfuric	20% at 75 deg. F.	Excellent, recommend clean up within 16 hours.
Toluene	at 75 deg. F.	Good, recommend clean up within 2 hours.
Battery Acid		Excellent

**PHYSICAL CHARACTERISTICS:** Compressive strength, ASTM D695: 7,000 psi  
Tensile strength, ASTM D638: 5,500 psi  
Flexural strength, ASTM D790: 12,100 psi

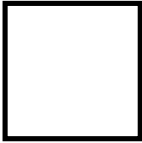
**FINISH:** Water clear high gloss finish. No/low odor.

**VOLUME SOLIDS:** 100%

**FLASH POINT:** Greater than 200 deg. F.

**SUGGESTED DRY FILM THICKNESS:** 7 - 10 mils

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



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**EXPECTED COVERAGE:** 340-240 square feet per unit at suggested DFT

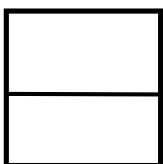
**COLOR:** Clear

**PACKAGING:** 1 unit = 1/2 gallon can Part A, hardener  
1 gallon can Part B, resin

**SHIPPING WEIGHT:** Part A = 4.2 pounds  
Part B = 9.3 pounds

**USDA APPROVAL:** Yes

All technical advice, recommendations and services are to be 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.



**SURFACE PREPARATION:** General Surface Preparation Instructions: **NEW CONCRETE:** Remove all dust, dirt, grease and other foreign materials. For maximum adhesion, acid etching may be required. Surface must be thoroughly dry before application. **Metal:** Should be cleaned by solvent degreasing. **Wood:** Should be free from dust, dirt, grease and other foreign materials. **Tile:** Remove any wax or topcoat and clean thoroughly. Allow to dry before application.

**PRIMER:** Contact Parker Technical Department for specific application requirements.

**POT LIFE:** 30-35 minutes

**APPLICATION TEMPERATURE:** Apply at temperatures of 50 to 90 degrees F.

**MIXING INSTRUCTIONS:** Mix contents of Part A (1/2-gallon can) with contents of Part B (gallon can) for three to five minutes.

**CURE TIME:** 12-16 hours at 70 degrees F. and 50% R.H.

Re-coat (1175-UVR): 24 hours minimum at 70° F. and 50% R.H. No maximum re-coat times on textured, nonskid type coating. Please contact Parker Technical Department for maximum re-coat times on smooth coatings.

**APPLICATION:** May be applied by brush, roller or squeegee.

**POT LIFE:** 30-40 minutes at 75 degrees F., 50% R.H. (Shorter pot lives are expected at higher temperatures.)

**CLEAN UP:** Clean up all spills and tools immediately with P34T Thinner.

**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 and keep liquid 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. US Department of Labor approved material data sheet for this coating is available upon request.

**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.