



PROBOND 24-KP

KILN PRIMER

Technical Data

DESCRIPTION: Probond 24-KP is an especially formulated impregnating coating that penetrates and tempers concrete, wood and masonry surfaces in preparation for the application of Chemseal 2404-KFC finish coat. Recommended for application under Chemseal 2404-KFC finish coat. It should be used wherever maximum performance in extremely corrosive or high temperature environments is required.

RECOMMENDED USES: Wood drying kilns, steam vats, and any other surfaces where a moisture tolerant, deep penetrating primer may be needed. Recommended for application under Chemseal 2404-KFC finish coat.

CHEMICAL RESISTANCE: Dependent on top coat system used. Alone, this product has minimal chemical resistance.

PHYSICAL CHARACTERISTICS: 24-KP has great penetrating characteristics when applied over properly prepared surfaces. It also has outstanding ability to adhere to moist substrates, and create a tenacious bond under adverse humidity conditions.

FINISH: Penetrated finish

SUGGESTED DFT: 4 mils penetration

VOLUME SOLIDS: 38.75%

FLASH POINT: 80 degrees F. TCC

V.O.C.: 4.33 lbs. per gallon

EXPECTED COVERAGE: 621 square feet at expected DFT

COLOR: Translucent amber appearance.

PACKAGING: 1 unit = 1 gallon catalyst (Part A)
3 gallons resin (Part B)

STORAGE STABILITY: The unmixed components have a minimum shelf life of two years. Probond 24-KP should not be stored at temperatures higher than 85 degrees F. for long periods of time.

SHIPPING WEIGHT: 1 unit = 36 lbs.

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SURFACE PREPARATION: General surface preparation: **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 of 24-KP prime coat. **METAL:** Should be cleaned by solvent degreasing. **WOOD:** Should be free of dust, dirt, grease and other foreign materials.

MIXING: Blend Part A and Part B together. Mix approximately three minutes using a drill mixer. This product is formulated for a penetrated finish, therefore thinning is not recommended.

POT LIFE: Approximately 45 minutes at 70 degrees F. and 50% relative humidity.

APPLICATION TEMPERATURE: Do not apply Probond 24-KP when surface temperature or atmospheric temperature is below 40 degrees F. For best results the material temperature should be 70 degrees F. to 75 degrees F., and atmospheric temperature should remain above 70 degrees F. for at least 48 hours while curing.

CURE TIME: 24-KP is to be topcoated when it is still tacky to the touch. If it is allowed to cure to the point where it is totally tack-free, scuff the surface and re-prime. Top coat to be applied after one to three hours at 70 degrees F. and 50% R.H. Recoat time will vary with temperatures and humidity levels.

APPLICATION: SURFACE MUST BE CLEAN AND DRY. Parker Probond 24-KP prime coat may be applied by brush, roller, airless spray, conventional spray.

NOTE: DO NOT COOL OR HEAT THE COMPONENTS AFTER MIXING.
DO NOT APPLY OVER WET SURFACES.

CLEAN UP: Cured or hardened Parker Probond 24-KP prime coat sticks to practically everything and is almost impossible to remove. Clean tools immediately with Parker P37T or P34T solvent cleaner.

CAUTION: Exercise great care when using Parker Probond 24-KP or flammable solvents. No smoking should be permitted in work area. Avoid prolonged exposure to vapors; provide adequate ventilation. Experience indicates that this material is relatively safe to handle, but care should be taken as it could be irritating to eyes and skin. Protective clothing and goggles are recommended. Should accidental eye contact occur, wash thoroughly with water and consult physician immediately.

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 FOR 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.

Should any questions or problems arise, please contact Parker's Technical Department.