



CHEMSEAL 2404-KFC
Kiln Finish Coat

Technical Data

DESCRIPTION: Chemseal 2404-KFC is an especially formulated impregnating coating that penetrates and tempers concrete, wood and masonry surfaces in dry kilns and steam vats. When properly blended and applied, it will produce a coating with extreme physical toughness and high chemical resistance. It should be used wherever maximum performance in extremely corrosive or high temperature environments is required.

RECOMMENDED USES: Dry kilns and steam vats.

CHEMICAL RESISTANCE: High resistance to tannic acid. Very tolerant of high moisture and temperature conditions.

FINISH: Gloss

VOLUME SOLIDS: 70.66%

FLASH POINT: 80 degrees. F. TCC

SUGGESTED DRY FILM THICKNESS: 8-10 wet mils for finished two coat system (4 dry mils per coat)

EXPECTED COVERAGE: 1133 sq. ft. per unit at 4 mils dry film thickness.

COLOR: Amber

PACKAGING AND STORAGE: 1 unit = 1 gallon Part A, Catalyst
3 gallons Part B, resin

The unmixed components have a minimum shelf life of 2 years. Chemseal 2404-KFC should not be stored at temperatures greater than 85 degrees. F. for long periods of time.

SHIPPING WEIGHT: 1 unit = 40 lbs.

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CHEMSEAL 2404-KFC

Application Data

SURFACE PREPARATION: Not applicable

PRIMER: Probond 24-KP

MIXING: Blend Part A and Part B together. Mix approximately three minutes using a drill mixer. Do not cool or heat components after mixing.

POT LIFE: Approximately 30-40 minutes at 70 degrees F. and 50% relative humidity.

APPLICATION TEMPERATURE: Do not apply Chemseal 2404-KFC when surface temperature or atmospheric temperature is below 50 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 to achieve maximum chemical and abrasion resistance.

CURE TIME: Tack free: 1-3 hours. 70% chemical resistance: 3 days. Full chemical resistance: 7 days at 70 degrees. F. and 50% relative humidity

APPLICATION: Surface must be clean and dry. Chemseal 2404-KFC may be applied by brush, roller, airless spray or conventional spray. The second coat should be applied no sooner than one hour and no longer than four hours after the first application. **Two coats are recommended.**

CLEAN UP: Cured or hardened Chemseal 2404-KFC sticks to practically everything and is almost impossible to remove. Clean all tools immediately with P37T 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 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.