



CHEM-KIT®

MANUFACTURER

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PRODUCT DESCRIPTION

Chem-Kit® is a convenient, two component epoxy system which is designed for THREE distinct purposes: 1) for BOLT-SETTING in vertically drilled holes. 2) for WET-BONDING of old-to-new concrete, and 3) as a mortar-mix using dry sand. Chem-Kit is supplied in a 0.85 gallon unit. This product meets ASTM c-881 Type I and Type II.

APPLICATION

This is an easy to use pre-measured unit. Mix all of the part B into all of the part A. If smaller mixes are needed, mix 12 oz. of part A and 5 oz. of part B. Add sand to produce a mortar, or pour or brush where needed.

LIMITATIONS

Application at ambient temperature below 40°F. is not recommended. Exposure to temperatures exceeding 150°F. for prolonged periods is not recommended.

PACKAGING

Chem-Kit is available in 47.5 lb. kits. The kit consists of 0.85 gallon unit (resin and hardener) and 40 lb. graded aggregate.

TECHNICAL DATA Properties at 77°F.

	<u>Resin Part A</u>	<u>Hardener Part B</u>
Solids	100%	100%
Color	Clear	Clear
Wt./Gal.	9.7 lb.	8.2 lb.
Shelf Life	2 Years	2 Years

	<u>Properties</u>	<u>ASTM Method</u>
Mix Ratio	12:5 by volume (A:B)	N/A
Viscosity	4,000 cps	Brookfield
Pot Life (3 oz.)	40 minutes	N/A
Exotherm (3 oz.)	320°F.	N/A
Cure (Initial)	6-8 hrs.	N/A
Cure (Final)	3 days	N/A
Hardness (shore)	86-D	D-2240
Tensile Strength	8,900 psi	D-638
Flexural Strength	16,000 psi	D-790
Compressive Strength	14,000 psi	D-695
Bond Strength	>1,500 psi	C-882
Elongation	2.4%	D-638
Water Absorption	0.25%	D-570

CLEAN-UP

Remove uncured Chem-Kit from tools and equipment with a suitable solvent such as xylene or toluene immediately after use. Cured material may only be removed mechanically.

SHELF LIFE

2 years in original, unopened container.

STORAGE

Store in a dry area, between 40°F. and 95°F. Protect from direct sunlight.

HEALTH PRECAUTIONS

Component A - IRRITANT - Prolonged skin or eye contact may cause sensitization and irritation.
Component B - IRRITANT
Contact with skin or eyes may cause severe burns.

FIRST AID

Skin Contact: wash thoroughly with soap and water.
Eye Contact: flush immediately with clean water and contact a physician.
Respiratory Problems: remove affected person to fresh air immediately and contact a physician.
Hygiene: wash hands immediately after use. Wash clothing before reuse.

SPILLS

Collect with absorbent material. Material may be removed with a suitable solvent.

DISPOSAL

Dispose of in accordance with local, state and federal regulations.

WARNING

KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN. NOT FOR INTERNAL CONSUMPTION. FOR PROFESSIONAL USE ONLY BY A QUALIFIED TECHNICIAN. Consult the Material Safety Data Sheet for further health and safety information.

WARRANTY

LIMITED WARRANTY: "International Chem-Crete Corporation warrants that, at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of the acceptance of the order." Read complete Warranty, copy furnished upon request.

DISCLAIMER: The information contained herein is included for illustrative purposes only and, to the best of our knowledge, is accurate and reliable. International Chem-Crete Corporation cannot, however, under any circumstances make any obligation or liability in connection with the use of this information. As International Chem-Crete Corporation has no control over the use to which others may put its products, it is recommended that the products be tested to determine if suitable for a specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer; contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine suitability of products for specific application and assume all responsibilities in connection therewith.

TECHNICAL SERVICES

International Chem-Crete Technical Sales Personnel throughout the country are available as required. International Chem-Crete distributors have local salesmen trained by International Chem-Crete.

Chem-Kit is manufactured by:

INTERNATIONAL CHEM-CRETE CORPORATION

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