

CHEM-ROCK PRIMER WB

WATER-BASED 52% SOLIDS EPOXY PRIMER/SEALER

TECH DATA SHEET CHEM-ROCK PRIMER WB

DESCRIPTION:

CHEM-ROCK PRIMER WB is a unique 2-component water-based epoxy coating that can be used as either a primer or a concrete sealer. **CHEM-ROCK PRIMER WB** can be applied as a primer for many ROCK-TRED flooring systems and is manufactured in CLEAR (slightly amber) or "factory pigmented" colors Light Gray, Tile Red and Tan. **CHEM-ROCK PRIMER WB** has no offensive odor, is VOC compliant and meets all USDA/FDA guidelines for use in federally inspected facilities.

USES:

CHEM-ROCK PRIMER WB can be used as a primer under most ROCK-TRED Systems, or as a stand-alone polymer coating system for floors, walls and ceilings when applied in at least TWO coats.

TYPICAL COVERAGE:

CHEM-ROCK PRIMER WB is typically applied at a spread rate of approximately 180 to 250 square feet per gallon depending on substrate porosity.

ADVANTAGES:

- Waterborne
- Excellent adhesion and deep substrate penetration
- Two or more coats of clear create a tough, low cost, high wearing concrete sealing system resistant to high volume rolling traffic
- VOC Compliant / solvent-free
- More durable, cleanable alternative to traditional concrete sealers
- Cost-Effective
- Fast drying time

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	1 to 4 (Resin to Hardener)
Viscosity (mixed)	550-650 CPS Typical
Solids Content (%)	52 % (ASTM D-2697)
VOC	< 60 g/l (EPA method 24)
Application Temps.	60 ^o – 85 ^o F
Working Time (at 50% RH)	25 minutes @ 75 ^o F
Dry to Touch	1 - 3 hours @ 75 ^o F
Through Cure (recoat with compatible materials)	3 - 5 hours @ 75 ^o F
Open to light traffic	24 hours @ 75 ^o F
Shelf Life	1 Year in unopened units

PACKAGING:

- 2.5 Gallon Units BAG-PAK™ in a single pail.
- 25 Gallon Units in five 5 gal pails.
- 275 Gallon Drum Set (**CLEAR ONLY**)

COLORS and AVAILABILITY:

CHEM-ROCK PRIMER WB is stocked in 2.5 gal BAG-PAK™ units in CLEAR and GRAY. TILE RED and TAN are produced to order and require a 60 gallon minimum order and extra lead time. Bulk 25 gallon and 275 gallon units are filled per order and require additional lead time.

CHEM-ROCK PRIMER WB

LIMITATIONS & FOR BEST RESULTS:

- Do not thin this product.
- Do not apply when Humidity exceeds 70% indoors.
- Do not apply over 12 mils per coat or allow to puddle on the floor or in joints/cracks during application as it will not cure properly.
- Allow each coat to dry to 'tack-free' AND clear (when using clear version) prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- When applying as a solid color finish a MINIMUM of TWO pigmented coats are typically required to achieve hide.
- When applying as a standalone clear concrete sealer the first coat may appear blotchy so two coats are typically required for best appearance.
- This is not a "water clear" primer and will be amber when cured.

PRODUCT APPLICATION:

Apply in thin coats of 6-10 mils WFT by brush, roller or squeegee. ROCK-TRED product test data is based on environmental temperatures of 75° F (24° C). Viscosity and working time are always affected by temperatures above or below that mark. When applying product always consider the ambient, surface, and product temperature at the time and place of installation.

COLOR AND TEXTURES:

CHEM-ROCK PRIMER WB is manufactured in Clear, Gray, Tan & Tile Red. Most ROCK-TRED products are available in a wide range of textures using an appropriate aggregate. We do not recommend field pigmenting this product with ROCK-TRED Colorants.

CHEMICAL RESISTANCE:

Always refer to ROCK-TRED's chemical resistant chart for specific information on each product/ system or contact ROCK-TRED directly.

PRODUCT STORAGE:

DO NOT allow ROCK-TRED products to freeze. All ROCK-TRED products should be properly stored above the floor on pallets or shelves, and in an area that has a constant minimum temperature of 50° F (10° C).

SURFACE PREPARATION: Always apply ROCK-TRED products to a clean / sound substrate that is free of laitance, grease, oils, debris, and curing compounds. Concrete substrates should be cured for a minimum of 28 days prior to application of product [except as otherwise noted on the individual Product Data Sheet]. Whenever possible, remove existing coatings and/or flooring systems completely; if complete removal is not possible always perform tests to determine adhesion and compatibility to the existing flooring. Mechanical surface preparation to a minimum profile of CSP-2 by means of a shot-blasting machine or rotary diamond grinder is the best and recommended preparation method for CHEM-ROCK PRIMER WB applications. If the substrate is not properly prepared and the appropriate profile is not achieved, failure of the product to adhere to the substrate may occur.

CLEAN UP:

Application tools and equipment can be cleaned with soap and water immediately after use or with solvent once the product has begun to cure.

DISPOSAL:

Product containers will contain product residue and must be disposed of properly. Label warnings must be observed at all times. All containers must be disposed in accordance with federal, state, and local regulations.

IMPORTANT NOTICE:

Always read and acquaint yourself with ROCK-TRED'S Product Data Sheet, MSDS [material safety data sheet], and product labels for each individual product prior to mixing and prior to use. For further assistance, product questions, additional information and/or unexpected or unusual installation conditions contact your Area Sales Representative or ROCK-TRED directly for recommendations. Kit components are pre-measured for optimal performance. Catalyzation errors due to incorrect mixing in the field voids product warranty.

WARRANTY:

Information about ROCK-TRED products is given, to the best of our knowledge, based on tests and experience. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you make your own tests to determine suitability of the product for the particular purpose. As products are often applied or used under conditions beyond our control, ROCK-TRED cannot guarantee anything except the quality of its products. ROCK-TRED warrants that the products meet the specifications set forth by ROCK-TRED, but we reserve the right to change any given specification prior to notice. ROCK-TRED DISCLAIMS ALL WARRANTIES RELATING TO THE PRODUCTS AND THEIR APPLICATION, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Receipt of a ROCK-TRED product constitutes acceptance of the terms of this limited warranty and the terms and conditions set out in our invoice, contrary provisions of buyer's purchase documents notwithstanding. Upon receipt of the merchandise, purchaser has 30 days to notify ROCK-TRED, in writing, that materials are defective. In the event ROCK-TRED finds that the product delivered is off specification, ROCK-TRED will, at its sole discretion, either replace the product(s) or refund the purchase price thereof, and ROCK-TRED's choice of one of these remedies is the buyer's sole remedy. In no event shall the liability of ROCK-TRED exceed the purchase price of shipped merchandise. Claims must be in writing. Claims after 30 days are void. ROCK-TRED will, under no circumstances, be liable for special, incidental, or consequential damages. This warranty supersedes all other guaranties, whether oral or written, and whether expressed, implied, or statutory. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Certain products may contain chemicals that may cause serious physical injury. Before using, please read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.