

# CHEM-ROCK PRIMER

100% SOLIDS EPOXY PRIMER / MOISTURE TOLERANT DOWN TO 40° F (4.4° C)

**DESCRIPTION :**

**CHEM-ROCK PRIMER** is a 100% solids, 2-component polyamide epoxy formulated to provide superior adhesion to concrete. **CHEM-ROCK PRIMER** can be applied to 'damp' surfaces and will cure at temperatures down to 40° F (4.4° C), or can be used as a rapid cure primer @ 70° F (21° C). **CHEM-ROCK PRIMER** contains zero VOC's and meets all USDA guidelines for use in federally inspected facilities.

**USES :**

**CHEM-ROCK PRIMER** can be used as a primer, as a self-leveling coat over uneven substrates or as a patching material when combined with ROCK-TRED Aggregates. Its' low-temperature cure makes it perfect for repairs to coolers or when a faster setting material is desired.

**TYPICAL COVERAGE :**

**CHEM-ROCK PRIMER** should typically be applied at a minimum spread rate of approximately 160 sq. ft. / gal.

**ADVANTAGES :**

- 100% solids
- Excellent adhesion
- Rapid cure or low temperature cure
- Odorless / solvent-free
- Easy mix ratio
- Moisture tolerant
- Excellent abrasion

**TYPICAL PROPERTIES :**

APPLICATION PROPERTIES	
Volume mix ratio	2 to 1 (Resin to Hardener)
Viscosity (mixed)	600-1000 CPS Typical
Solids Content (%)	100 % (ASTM D-2697)
VOC	0 g/l (EPA method 24)
Hardness (ASTM D-2240)	75 - 80 (Shore D)
Application Temps.	40° - 80° F (4.4° - 26.7° C)
Recommended wet film thickness	8 to 12 mils [WFT]
Pot Life	30 - 40 minutes @ 75° F (24° C)
Time to Dry (recoat)	2 - 5 hours @ 75° F (24° C)
Time to Cure (foot traffic)	4 - 6.5 hours @ 75° F (24° C)
Shelf Life	1 Year in unopened units

*For physical properties on this product, refer to ROCK-TRED's Data Chart*

**PACKAGING :**

- 1.5 Gallon Units (5.7 L) BAG-PAK™
- 3 Gallon Units (11.4 L) BAG-PAK™
- 15 Gallon Units (57 L) – in 3-5 gal. pails
- 165 Gallon Bulk Units (625 L) in 3-55 gal. drums

## CHEM-ROCK PRIMER

### LIMITATIONS & FOR BEST RESULTS :

- Do not thin this product.
- Do not apply when Humidity exceeds 70% indoors.
- Allow each coat to dry to 'tack-free' or clear prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.

### PRODUCT APPLICATION :

Apply by brush, roller or squeegee. ROCK-TRED product test data is based on environmental temperatures of 75<sup>o</sup> F (24<sup>o</sup> 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 is available in Clear and can be pigmented using RTE Colorants. Most ROCK-TRED products are available in a wide range of textures using an appropriate aggregate.

### 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<sup>o</sup> F (10<sup>o</sup> C).

**SURFACE PREPARTION :** 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 unavoidable always perform tests to determine adhesion and compatibility to the existing substrate. Surface preparation by means of a shot-blasting machine is the best and recommended method for attaining the desired profile. 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 local representative or ROCK-TRED directly for recommendations.

### 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.