

## PRODUCT DESCRIPTION

CHEM-ROCK PRIMER is a 100% solids, 2-component epoxy primer formulated to provide superior adhesion to prepared substrates. CHEM-ROCK PRIMER can be applied to “slightly damp” substrates and will cure at temperatures down to 40° F and can also be used as a rapid curing primer in warmer applications. CHEM-ROCK PRIMER is low VOC.

## USES

CHEM-ROCK PRIMER can be used as a primer, as a self-leveling body coat over uneven substrates, or as a mortar or slurry patching material when combined with ROCK-TRED Aggregates. Its zero VOCs, low-temperature cure and damp substrate tolerance make it perfect for repairs and coatings work inside operating coolers and food processing facilities.

## ADVANTAGES

- 100% solids
- Odorless / solvent-free
- Excellent adhesion
- Rapid cure or low temperature cure
- Can be field pigmented in any ROCK-TRED
- Standard Color
- Easy mix ratio
- Excellent abrasion resistance

## COLORS AND TEXTURES

CHEM-ROCK PRIMER is available in Clear (slightly amber) and can be pigmented using ROCK-TRED Colorants.

## PACKAGING

Supplied in complete A+B 3 gallon (11.36 L).  
Mix ratio 2A : 1B

## TYPICAL COVERAGE

CHEM-ROCK PRIMER is typically applied between 60-160 square feet per gallon per coat depending upon substrate and project requirements.

## TECHNICAL DATA

Mixing Ratio by Volume	2A : 1B
Viscosity (mixed)	1000-1200 CPS Typical
VOC (when mixed as intended)	<50 g/L
Solids Content, by Volume	100%
Hardness (ASTM D-2240)	70-75 (Shore D)
Application Temps.	40° – 80° F
Gel Time @ 75° F	30 - 40 minutes
Dry to Touch (recoat with similar product) @ 75° F	2 - 5 hours
Through Cure @ 75° F	4 – 6.5 hours
Open for Light Traffic @ 75° F	24 hours
Shelf Life	1 year in unopened containers

Higher temperatures reduce pot life and cure time, lower temperatures increase pot life and cure time.

## 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 preparation by means of a shot-blasting or diamond grinding machine to a minimum CSP-2 profile is the best and recommended preparation method for CHEM-ROCK PRIMER 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.

## MIXING

A typical mix will contain 2 gallons Part A and 1 gallon Part B at the 2:1 Part A to Part B volumetric ratio. Empty Part A into the mixing vessel. If ROCK-TRED UNIVERSAL COLORANT is to be added pour up to one full Bag-Pak™ per 2 gallons of Part A and power mix with spiral style mixing blade at low speed (300 RPM) until a homogenous color is achieved. Next, pour Part B into the Part A and power mix with spiral style mixing blade at low speed (300 RPM) for two minutes. Do not entrap air during mixing. Avoid mixing and application of CHEM-ROCK PRIMER if the substrate and/or air temperature are below 45°F or above 85°F, or if the humidity is higher than 75% R.H. The temperature of the substrate, the epoxy, and the air in the area of installation all play a role in cure time (i.e., warmer=faster; cooler=slower). CHEM-ROCK PRIMER should be tack-free and dry before applying additional coatings. This will vary with temperature and humidity, but is normally between 2-5 hours @ 75°F and 50% R.H.

## APPLICATION

Apply by brush, roller or squeegee. ROCK-TRED product test data is based on environmental temperatures of 75°F. 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.

## SHELF LIFE

One [1] year from date of manufacture, in original unopened container. Store away from heat sources between 50°F and 85°F (10°C – 30°C).

## CHEMICAL RESISTANCE

Contact Technical Support for additional information.

## 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).

## 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, SDS [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. Catalyzation errors due to incorrect mixing in the field voids product warranty.

## LIMITATIONS

- 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.

## HANDLING & SAFETY

Use only with adequate ventilation. Appropriate cartridge-type respirator must be used during application in confined areas. Avoid contact with skin; wear protective gloves and safety glasses. User must read and understand Safety Data Sheet before using. ROCK-TRED Safety Data Sheets are available at [www.rocktred.com](http://www.rocktred.com)

## STANDARD WARRANTY STATEMENT

Chem-Rock Primer PDS 6.18.24

ICP Construction, Inc. ("we" "us" or "our"), manufacturer of Rock-Tred Polymer Coating Solutions, warrants that the product is produced within specifications and is free from defects in material only. No warranty shall be in effect until our Terms and Conditions of Sales (<https://www.icpgroup.com/wp-content/uploads/ICP-Group-Terms-and-Conditions-of-Sale.pdf>) are met, including payment and cooperative promotional considerations. We warrant that the covered product is free of defects in material only and suitable for the specified purpose for a period of one (1) year from the date of shipment, provided the product is (a) installed within its published shelf life, in strict conformance with specifications, and (b) handled, stored, mixed, and applied in accordance with our written instructions. It is your responsibility to initiate any claim against this warranty within the time frame specified below. If we determine that the product meets the requirements of this warranty, then we will, at our sole discretion, either refund the purchase price of the product or provide replacement product, in each case not to exceed the affected area as determined by our authorized technical representative. To obtain replacement or refund you must (a) provide timely written notice to us specifying in detail the non-conformity suspected (no later than five (5) working days after discovery), and (b) provide proof of purchase. We reserve the right to inspect the product prior to replacement. EXCEPT FOR THE EXPRESS WARRANTY ABOVE, THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. IN NO EVENT SHALL WE OR OUR AFFILIATES BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY NATURE, REGARDLESS OF THE FORM OF ACTION OR THEORY OF LAW, INCLUDING, WITHOUT LIMITATION, BREACH OF ANY OBLIGATION OR WARRANTY IMPOSED ON US HEREUNDER OR IN CONNECTION HERewith, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES IN ADVANCE AND EVEN IF A REMEDY SET FORTH HEREIN IS FOUND TO HAVE FAILED OF ITS ESSENTIAL PURPOSE. "CONSEQUENTIAL DAMAGES" SHALL INCLUDE, WITHOUT LIMITATION, LOSS OF USE, INCOME, OR PROFIT, OR LOSSES SUSTAINED AS THE RESULT OF INJURY TO ANY PERSON, OR LOSS OF OR DAMAGE TO ANY PROPERTY (INCLUDING, WITHOUT LIMITATION, PROPERTY HANDLED OR PROCESSED THROUGH THE USE OF THE PRODUCTS), DAMAGES OR LOSSES RESULTING FROM CLAIMS OF OTHER PERSONS AGAINST YOU, OR DAMAGES OR LOSSES SUSTAINED AS THE RESULT OF WORK STOPPAGE, OR REMOVAL AND REPLACEMENT COSTS AND COSTS OF LABOR. IN NO EVENT SHALL OUR LIABILITY ARISING IN CONNECTION WITH OR UNDER THIS WARRANTY (REGARDLESS OF THE FORM OF ACTION OR THEORY OF LAW) EXCEED THE AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT ONLY. THIS LIMITED WARRANTY PROVIDES YOUR EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT. If you do not agree with these terms, you may return the product within thirty (30) days of purchase for a full refund, provided the product is not opened, altered, or adulterated in any manner, less any shipping and handling charges of any sort. Use of the product, or retention of the product beyond thirty (30) days, constitutes your acceptance of this limited and exclusive warranty. No customer, distributor, or representative of ours is authorized to change or modify the published data sheets or this warranty in any way. No one is authorized to make oral warranties on behalf of us.

