

ROCK-PRIME HB

WATERBORNE 62% SOLIDS HIGH BUILDING EPOXY PRIMER/BASE COAT

TECH DATA SHEET ROCK-PRIME HB

DESCRIPTION:

ROCK-PRIME HB is a fast curing, cost-effective, 2-component waterborne epoxy coating intended for use as an un-pigmented (opaque/off-white) or field pigmented primer or body coat. **ROCK-PRIME HB** has no offensive odor, has no reportable VOC or HAPS and meets all USDA/FDA guidelines for use in federally inspected facilities.

USES:

ROCK-PRIME HB is recommended for use as a natural color or pigmented self-priming broadcast coat for decorative or solid color ROCK-TRED broadcast systems.

TYPICAL COVERAGE:

ROCK-PRIME HB is typically applied at a spread rate of approximately 150 to 200 square feet per gallon depending on substrate porosity.

ADVANTAGES:

- Waterborne
- Excellent adhesion to a variety of substrates
- Higher mixed viscosity, but free flowing during application
- Fast drying time
- VOC/HAPS/Solvent-free
- Able to be field pigmented with ROCK-TRED Universal Colorants – use one 1.5 Jar per 2.31 gal. mix
- Excellent UV resistance
- High DFT at low cost/gallon

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	13.5:100 (Resin to Hardener)
Viscosity (mixed)	3000 CPS Typical
Solids Content (%)	62 % (ASTM D-2697)
VOC	0 g/l (EPA method 24)
Application Temps.	60 ^o – 85 ^o F
Gel Time (at 50% RH)	35-40 minutes @ 75 ^o F
Dry to Touch	30 – 60 minutes @ 75 ^o F
Through Cure (recoat with compatible materials)	1 - 1.5 hours @ 75 ^o F
Open to light traffic	24 hours @ 75 ^o F
Shelf Life	1 Year in unopened units

PACKAGING:

- 2.31 Gallon Unit BAG-PAK™ in a single pail.
- 4.62 Gallon Unit conventionally packaged in 2 pails

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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' prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- Not intended as a finish coat. Topcoat with a ROCK-TRED finish coat for best performance.
- Working time will be reduced with warmer substrate/air temperatures and with air flow over the product.
- Not intended as a neat coating. Pinholes may occur in cured film when used without broadcasting to rejection.
- DO NOT apply directly to EASYCOVE.
- Due to the difficult mixing ratio do not mix partial kits.
- This is not a "water clear" product and will be white/opaque when cured.
- Separation is likely during storage. Follow two step mixing instructions below to prevent product failure.

PRODUCT MIXING AND APPLICATION:

Using a low speed drill and spiral mixing blade pre-mix HARDENER for approximately 30 - 60 seconds to reincorporate any separated or settled product. If using colorant add one 1.5 Jar (or ½ BagPak) ROCK-TRED Universal Colorant to pre-mixed Hardener and mix further until color is homogenous. Slowly add RESIN component to pre-mixed HARDENER and mix for an additional 2 minutes to catalyze unit. Apply in coats of 8 - 20 mils WFT by brush, roller and squeegee and then broadcast to rejection. 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:

ROCK-PRIME HB is manufactured un-pigmented (opaque/off- white) and can be field pigmented using one 1.5 Jar (or ½ BAG-PAK) of ROCK-TRED Universal Colorant per 2.31 gallon mix. 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° F.

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 ROCK-PRIME HB 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 chemical chemicals that may cause serious physical injury. Before using, please read the Material Safety Data Sheet and follow all precautions to prevent bodily harm.