

CHEM-ROCK ULTRA UV

100% SOLIDS UV RESISTANT CLEAR EPOXY BUILD AND FINISH COATING

TECH DATA SHEET CHEM-ROCK ULTRA UV

DESCRIPTION:

CHEM-ROCK ULTRA UV is a NEW generation epoxy coating that exhibits superior color and gloss retention when compared with standard epoxy coatings. **CHEM-ROCK ULTRA UV** is a WATER CLEAR, 2-component, 100% solids epoxy designed to protect decorative floor and walls systems from premature yellowing and loss of gloss due to moderate levels of UV exposure. **CHEM-ROCK ULTRA UV** exhibits very good abrasion resistance and resistance to most common chemical and meets all USDA/FDA guidelines for use in federally inspected facilities.

USES:

CHEM-ROCK ULTRA UV provides long-lasting UV protection and non-yellowing characteristics as a CLEAR topcoat for most ROCK-TRED floor and wall coating systems. **CHEM-ROCK ULTRA UV** provides a high build, easy flowing, cost-effective, UV resistant coating solution for use in indoor areas exposed to “moderate” levels of UV such as garages, offices or production areas with many windows. As a medium-low viscosity coating CHEM-ROCK ULTRA UV makes an excellent neat coating, a “seed” coat to accept broadcast media or as a finish coat over aggregate or flake filled systems.

TYPICAL COVERAGE:

CHEM-ROCK ULTRA UV is typically applied between 60-130 square feet per gallon per coat depending upon substrate and project requirements. Do not apply thinner than 12 mils (133 square feet per gallon) or the coating may separate.

ADVANTAGES:

- Cost effective, UV resistant, high build coating solution
- Excellent gloss retention
- Medium-low viscosity for easy application
- Water-Clear formulation for no color distortion over decorative finishes
- VOC compliant
- Bag-Pak™ packaging
- 100% solids epoxy formulation
- Extended working time
- “Sunscreen” characteristics protect less UV stable coatings applied below CHEM-ROCK UV by blocking UV rays

TYPICAL PROPERTIES:

| PHYSICAL PROPERTIES | |
|--|--------------------------|
| WEIGHT mix ratio | .91 Resin : .59 Hardener |
| Viscosity (mixed) | 600 - 800 CPS Typical |
| Solids Content (%) | 100% (ASTM D-2697) |
| Hardness (ASTM D-2240) | 75-85 (Shore D) |
| VOC | 0 g/l (EPA method 24) |
| Application Temps. | 60° - 85° F |
| Gel Time | 40 - 60 minutes @ 75° F |
| Dry to Touch (recoat with compatible products) | 2 - 4 hours @ 75° F |
| Through Cure | 8 - 10 hours @ 75° F |
| Open for light traffic | 24 hours @ 75° F |
| Shelf Life | 1 Year in unopened units |

PACKAGING:

- 1.5 Gallon BAG-PAK™ Unit in a single pail
- 3 Gallon BAG-PAK™ Unit in a single pail
- 3 Batch Kit - Three, 3 Gallon BAG-PAK™ Units 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 or outdoors when temperature will fall within 5 F⁰ of dew point during application or cure.
- Do not allow to puddle during application.
- 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.
- DO NOT PIGMENT THIS PRODUCT.
- Will achieve excellent adhesion directly to prepared concrete, but use of a ROCK-TRED primer coat is recommended to eliminate outgassing and for best overall finished film appearance.
- CHEM-ROCK UV is much more resistant to UV exposure than standard epoxy, but will be affected under long-term UV exposure. CHEM-ROCK UV is not recommended as an exterior coating.
- Do not apply below 60°F or in highly humid environments.
- Do not apply at less than 12 mils per coat.
- Mixing partial kits is not recommended. CHEM-ROCK UV Bag-Pak™ units are filled with exact amounts of Resin and Hardener calibrated for optimum product performance. Mixing ratios are not a simple 2:1 volumetric ratio.

PRODUCT APPLICATION:

Apply using brush, roller and 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 UV is manufactured in WATER CLEAR. DO NOT pigment this product. 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 preparation by means of a shot-blasting or diamond grinding machine to a minimum CSP-2 profile followed by application of an appropriate ROCK-TRED primer or base system is the best and recommended installation method for CHEM-ROCK UV 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 warrantee.

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.