

CEMENTITIOUS URETHANE TOPCOAT

DESCRIPTION:

ROCK-CRETE DRESSING is a high-solids, lower sheen finish, cementitious urethane coating applied as a finish coat over ROCK-CRETE SL or TR Systems. **ROCK-CRETE DRESSING** has a coefficient of expansion identical to the ROCK-CRETE SL and TR Systems and similar to that of concrete. When installed over the ROCK-CRETE SL or TR base systems, **ROCK-CRETE DRESSING** will tolerate large temperature swings (thermal-shock) and service exposure to wet and dry temperatures of up to 220°F.

USES:

ROCK-CRETE DRESSING is most often used as a heavy-duty topcoat over ROCK-CRETE TR and SL Systems to make them more durable and easier to clean. **ROCK-CRETE DRESSING** can also be used as a primer to seal porous concrete substrates or as a durable stand-alone horizontal or vertical coating (two coats for stand-alone applications) where thermal-shock is NOT an issue.

TYPICAL COVERAGE:

ROCK-CRETE DRESSING is to be applied by squeegee and roller. One kit will cover approximately 200 sq. ft. at 15 mils. Do not exceed 15 mils per coat to avoid outgassing bubbles.

ADVANTAGES:

- Highly resistant to thermal shock and elevated temperatures when applied over ROCK-CRETE SL or TR Systems
- Applies quickly and easily via squeegee and roller
- High abrasion resistance
- Broad spectrum chemical resistance
- Self-priming over bare concrete substrates
- Can be applied to freshly poured concrete after a minimum 7-day cure time
- Tolerates up to 6 lbs. per square foot per 24 hours MVTR (Moisture Vapor Transmission Rate)
- Will tolerate damp substrates during installation
- Lower sheen finish
- VOC compliant
- Able to be colored using ROCK-TRED Universal Colorants

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Mix design	2.0 Mixed Gallons of Urethane Liquids (Parts A & B) to One 16 lb. bag of DRESSING Aggregate (Part C)
Viscosity (mixed)	520 CPS Typical
Solids Content (%)	95% (ASTM D-2697)
Hardness (ASTM D-2240)	80-90 (Shore D)
VOC	Compliant with all US Regulations
Application Temps.	50° – 75° F 40° – 50° F (precondition material to 70°F)
Working time	20 minutes @ 75° F
Recoat time	4-6 hours @ 75° F
'Open' to foot traffic	6-8 hours @ 75° F
'Open' to vehicle traffic	12-16 hours @ 75° F
Shelf Life	1 Year in unopened units

RT SERIES 803 ROCK-CRETE DRESSING

LIMITATIONS & FOR BEST RESULTS:

- **ROCK-CRETE Dressing** liquids **WILL NOT** perform correctly without the Part C / Dressing Aggregate added.
- 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.
- Always apply the next coat within 24 hours of completing the previous application.
- Do not apply this product thinner or thicker than the recommended spread rate / mil thickness.
- As an aromatic urethane ROCK-CRETE products are not completely color stability and may discolor and/or "chalk" with UV exposure. To prevent discoloration and chalking topcoat with a non-ROCK-CRETE finish coat. Call ROCK-TRED for specific details.
- For applications below 50°F PRE-CONDITION the material to 70°F prior to use.
- All cementitious urethane products naturally produce carbon dioxide bubbles during the cure process. Broadcasting aggregate is recommended to help prevent blistering.
- Do not apply over highly porous substrates as blistering may occur.
- Vertical applications and applications directly to EASYCOVE may require 2 coats for hide.

PRODUCT APPLICATION: Empty Part A Base into mixing vessel and add in up to one 1.5 Jar Universal Colorant. Drill mix on low speed with an oval whisk style mixing blade for 1 minute or until a homogenous color results. Add in Part B Hardener and continue to drill mix on low speed for an additional minute. Slowly add in Part C while continuing to mix for an additional minute until mix is homogenous and lump free. Apply by squeegee and back roll. Broadcast PCA322 35/50 mesh (or larger) aggregate for texture and to break any bubbles formed during outgassing. 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 of installation.

COLOR AND TEXTURES: ROCK-CRETE Dressing is manufactured in NATURAL and can be tinted in select colors using one 1.5 Unit (1/2 Bag-Pak) of ROCK-TRED UNIVERSAL Colorant per mix. ROCK-TRED products are available in a wide range of optional topcoats and textures using an appropriate aggregate.

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.

SURFACE PREPARATION: Always apply ROCK-TRED products to a clean / sound substrate that is free of laitance, grease, oils, debris and curing compounds. Make certain that concrete is properly dried and prepared before applying ROCK-TRED materials. Concrete substrates should be treated with ICP's Arizona Polymer Flooring System's Vapor Solve System, followed by a sacrificial 100% solids epoxy coat with a full broadcast course of PCA322/322 aggregate, when moisture testing per ASTM F1869 shows results over 6 lbs. per square foot per 24 hour period. ROCK-CRETE installed over a sacrificial full broadcast coating may not withstand cycles of thermal shock as well as installations anchored to properly prepared concrete. Whenever possible, remove existing coatings and/or flooring systems completely; if complete removal is not possible test to determine adhesion to the existing material. Mechanical preparation by means of shot-blasting or diamond grinding to a ICRI CSP 2/3/5 is the recommended preparation method (see ICRI Guideline No. 03732 for more information). 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.

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

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.

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.

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 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 circumstance, be liable for special, incidental, or consequential damages. This warranty supersedes all other guarantees, 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 Safety Data Sheet and follow all precautions to prevent bodily harm.