

CHEM-ROCK SAFETY-TRED

HIGH SOLIDS EPOXY ANTI-SLIP SAFETY COATING

DESCRIPTION:

CHEM-ROCK SAFETY-TRED is a high solids, low odor, solid color, 2-component, aggregate filled, 92% solids epoxy coating formulated for interior or exterior applications where an anti-slip finish profile is required. **CHEM-ROCK SAFETY-TRED** has good resistance to automotive fluids and many common chemicals found in food/beverage and general manufacturing. It is VOC/HAPS compliant and meets USDA/FDA guidelines for use in federally-inspected facilities.

USES:

CHEM-ROCK SAFETY-TRED is used as a heavy duty, long-wearing, non-skid epoxy coating for industrial and marine applications. With an appropriate primer it can be applied over both concrete and metal surfaces.

TYPICAL COVERAGE:

CHEM-ROCK SAFETY-TRED is typically applied at 30 - 50 square feet per gallon per coat depending upon substrate and project requirements.

ADVANTAGES:

- Heavy duty, long lasting, uniform, non-skid finish without broadcasting
- Indoor/outdoor use
- May be applied at temperatures from 50° – 120°F
- VOC compliant
- Good abrasion and chemical resistance
- Easy to apply uniformly
- Dry service temperatures up to 160°F

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	4 to 1 (Resin to Hardener)
Solids Content (%)	92% (ASTM D-2697)
VOC	74 g/l (EPA method 24)
Application Temps.	50° – 120°F
Gel Time	60 minutes @ 75° F
Dry to Touch (recoat with compatible products)	12 hours @ 75°F
Through Cure	24 hours @ 75°F
Open for light traffic	24 - 36 hours @ 75°F
Open for heavy traffic	36 - 48 hours @ 75°F
Shelf Life	1 Year in unopened units

PACKAGING:

- 1 Gallon Units
- 5 Gallon Units

TECH DATA SHEET CHEM-ROCK SAFETY-TRED

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LIMITATIONS & FOR BEST RESULTS:

- Do not apply when humidity exceeds 70% indoors or when the temperature is within 5° of Dew Point.
- Do not allow to puddle during application.
- 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.
- This is a relatively slow curing product. Be sure to allow enough cure time prior to opening coated area for use or before recoating.
- Always use an appropriate ROCK-TRED primer under this coating.
- May be used outdoors, but loss of gloss will occur over time when exposed to the elements.
- Do not over roll material as this can decrease the non-skid finish.

PRODUCT APPLICATION:

CHEM-ROCK SAFETY-TRED should be applied with a phenolic core roller, squeegee, or trowel. A phenolic core roller cover (smooth, phenolic resin coated roller tube without any nap) will produce a uniform ridged surface. If a smoother surface is desired, use a trowel or a flat blade squeegee. Immediately after mixing pour a ribbon onto surface. The ribbon should be approximately 2-3 feet long and 6" wide. When using a roller pull the material towards you using some pressure. Roll material only in one direction. Strike off any excessive material build-up on edges from roller lap. When using a squeegee or trowel, hold on 45° angle pulling material toward you. 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.

COLOR AND TEXTURES:

CHEM-ROCK SAFETY-TRED is manufactured in Gun Powder Gray and Safety Yellow.

CHEMICAL RESISTANCE:

Always refer to ROCK-TRED's chemical resistance 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 is the best and recommended installation method for **CHEM-ROCK SAFETY-TRED** 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 all warranties.

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.