

ROCK-TRED SL EPOXY

100% SOLIDS EPOXY BINDER RESIN FOR SELF LEVELING AND SLURRY APPLICATIONS

TECH DATA SHEET ROCK-TRED SL EPOXY

DESCRIPTION:

ROCK-TRED SL EPOXY is a low viscosity 2-component, 100% solids water clear cyclo-aliphatic epoxy binder resin. **ROCK-TRED SL EPOXY** provides excellent flow and workability when used as the carrier for ROCK-TRED self-leveling and slurry systems. **ROCK-TRED SL EPOXY** provides excellent abrasion resistance and long-lasting durability, has good resistance to most common chemicals and meets all USDA/FDA guidelines for use in federally inspected facilities. **ROCK-TRED SL EPOXY** also provides very good UV, gloss and color stability.

USES:

ROCK-TRED SL EPOXY is typically applied in combination with the appropriate amount of ROCK-TRED SL Aggregate Flour to create the ROCK-TRED SL (self-leveling) System. ROCK-TRED SL EPOXY can also be used as the binder in decorative or solid color slurry broadcast systems when combined with other ROCK-TRED aggregates.

TYPICAL COVERAGE:

ROCK-TRED SL EPOXY can be applied “neat” at 10 -12 mils depending on surface conditions and porosity of the substrate and can be combined with aggregates and applied in self-leveling or slurry applications up to 3/16”.

ADVANTAGES:

- Low viscosity, easy flowing formulation
- Good chemical resistance
- Excellent adhesion
- 100% solids
- VOC compliant
- Good working time, but fast rate of cure
- Easy mix ratio
- Good UV and abrasion resistance

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	2 to 1 (Resin to Hardener)
Viscosity (mixed)	600-700 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	30-40 minutes @ 75° F
Dry to Touch (recoat with compatible products)	2-3 hours @ 75° F
Through Cure	7-9 hours @ 75° F

PACKAGING:

- 1.5 Gallon BAG-PAK™ Unit in a single pail
- 3 Gallon BAG-PAK™ Unit in a single pail

ROCK-TRED SL EPOXY

LIMITATIONS & FOR BEST RESULTS :

- Do not thin this product.
- Do not apply when Humidity exceeds 70% indoors.
- 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 apply neat at less than 10 mils per coat as separation may result. When applying as part of the ROCK-TRED SL or as a slurry system do not apply thicker than 3/16" per lift.
- Add approximately 18 lbs. of PCA329 or other approved aggregate per mixed gallon of ROCK-TRED SL Epoxy to create a slurry mix.
- When pigmenting this product using lighter colors two 10-12 mil coats may be required for full hide.

PRODUCT APPLICATION:

Apply neat by brush, roller or squeegee. Refer to ROCK-TRED SL System Data sheet for detailed instructions on how to apply ROCK-TRED Self-Leveling System. Product test data is based on environmental temperatures of 75^o 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 :

ROCK-TRED SL EPOXY is manufactured in WATER CLEAR and can be field pigmented using ROCK-TRED colorants. 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^o 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 ROCK-TRED SL 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, 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

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.