

ELASTI-POXI FLEX-300

100% SOLIDS, HIGHLY FLEXIBLE EPOXY BINDER AND MEMBRANE COATING

DESCRIPTION:

ELASTI-POXI FLEX-300 is a two component, slightly opaque, 100% solids epoxy coating formulated to remain flexible after it cures. **ELASTI-POXI FLEX-300** has approximately 88% elongation and meets all USDA/FDA guidelines for use in federally inspected facilities.

USES:

ELASTI-POXI FLEX-300 is a permanently flexible epoxy coating most often used as the binder coat when installing ROCK-TRED SOFT-FLOOR and FAB-TEC Systems. It can also serve as a crack bridging coating and waterproofing membrane under other ROCK-TRED flooring systems. **ELASTI-POXI FLEX-300** is manufactured in clear and can be field pigmented using ROCK-TRED Universal Colorants.

TYPICAL COVERAGE

ELASTI-POXI FLEX-300 is typically applied between 60-160 square feet per gallon per coat depending upon the project requirements.

ADVANTAGES:

- 100% solids with low odor
- Self-Priming with excellent substrate adhesion and inter-coat cohesion
- Permanently flexible
- VOC Compliant
- Easy 1:1 mix ratio
- Can be field pigmented without harming flexible properties

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	1 to 1 (Resin to Hardener)
Viscosity (mixed)	400 - 500 CPS Typical
Solids Content (%)	100% (ASTM D-2697)
VOC	0 g/l (EPA method 24)
Elongation	88% (ASTM D638-03)
Hardness (ASTM D-2240)	50 (Shore A)
Application Temps.	60° – 90° F
Gel Time	40 - 50 minutes @ 75°F
Dry to Touch (recoat with similar product)	4.5 – 6 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:

- 2 Gallon Bag-Pak™ Unit packaged in one pail
- 10 Gallon Unit packaged in 2 five gallon pails

TECH DATA SHEET ELASTI-POXI FLEX-300

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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' prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- **ELASTI-POXI FLEX-300** is not recommended as a wear coat or finish coat due to low UV and abrasion/wear resistance.
- When applied neat this coating may feel slightly sticky or slightly tacky even after cure. Top coating or broadcasting to rejection with suggested media is recommended.
- Adding or broadcasting fillers or aggregates EXCEPT ROCK-TRED's RUBBER BLEND EPDM or FLAKE into **ELASTI-POXI FLEX-300** will dramatically reduce its flexibility.

PRODUCT APPLICATION:

Apply using brush, roller and squeegee. 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:

ELASTI-POXI FLEX-300 is manufactured in opaque/clear and can be field pigmented using ROCK-TRED's Universal Colorants. Colorant loading ratio is ½ BagPak or 1 full 1.5 Jar Pack Universal Colorant per 2 gallon mix. Most ROCK-TRED products are available in a wide range of textures using an appropriate aggregate.

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.

CHEMICAL RESISTANCE:

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

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 is the best and recommended preparation method for **ELASTI-POXI FLEX-300** 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 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 chemicals that may cause serious physical injury. Before using, please read the Safety Data Sheet and follow all precautions to prevent bodily harm.