

100% SOLIDS FLEXIBLE EPOXY MEMBRANE COATING

DESCRIPTION:

ELASTI-POXI MEMBRANE is a two component, slightly opaque, 100% solids epoxy coating formulated to remain flexible after it cures. **ELASTI-POXI MEMBRANE** has approximately 85% elongation and is compliant with all VOC and HAPS regulations throughout the US and meets all USDA/FDA guidelines for use in federally inspected facilities.

USES:

ELASTI-POXI MEMBRANE is a unique flexible epoxy coating that can be used as a self-priming traffic / waterproofing / vibration dampening membrane. It can also serve as a crack bridging coating and primer under ROCK-TRED flooring systems. **ELASTI-POXI MEMBRANE** is manufactured in clear and can be field pigmented using ROCK-TRED Universal Colorants.

TYPICAL COVERAGE:

ELASTI-POXI MEMBRANE is typically applied between 60-160 square feet per gallon per coat depending upon substrate and project requirements.

ADVANTAGES:

- 100% solids
- 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)	1750 - 2200 CPS Typical
Solids Content (%)	100% (ASTM D-2697)
Hardness (ASTM D-2240)	30 - 40 (Shore D)
VOC	Compliant with all US Regulations
Application Temps.	60° – 80° F
Gel Time	15 - 30 minutes @ 75° F
Dry to Touch (recoat with compatible products)	3 - 5 hours @ 75°F
Through Cure	6 - 8 hours @ 75°F
Open for light traffic	24 hours @ 75°F
Shelf Life	1 Year in unopened units

PACKAGING:

- 2 Gallon Units packaged as 2 pails in 1 carton
- 10 Gallon Kits packaged in two 5 gallon pails

RT SERIES 620 ELASTI-POXI MEMBRANE

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.
- ELASTI-POXI MEMBRANE is not normally recommended as a wear coat.
- Adding aggregate into **ELASTI-POXI MEMBRANE** will eliminate or reduce its flexibility.
- An appropriate ROCK-TRED primer is recommended under this product when used on porous substrates.

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 MEMBRANE is manufactured in opaque/clear and can be field pigmented using ROCK-TRED colorants at a ratio of ½ BagPak or one 1.5 Jar Unit per 2 gallon mix, or 1 full BagPak per 3 gallon mix. Broadcasting or mixing aggregate into this coating is not recommended as it will compromise its flexibility.

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.

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.

CHEMICAL RESISTANCE:

ELASTI-POXI MEMBRANE has relatively low 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. 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 when moisture testing per ASTM F2170 shows results over 80% RH. 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.

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 Safety Data Sheet and follow all precautions to prevent bodily harm.