

RT SERIES 621
ELASTI-THANE MEMBRANE

AROMATIC ELASTOMERIC POLYURETHANE WATERPROOFING MEMBRANE COATING

DESCRIPTION:

ELASTI-THANE MEMBRANE is a high solids, 2-component, aromatic polyurethane waterproofing membrane. It never hardens with age and remains highly flexible over a wide range of temperatures making it the ideal membrane for areas where ongoing movement is anticipated. An appropriate topcoat should be applied to the **ELASTI-THANE MEMBRANE** for UV protection and durability as it not intended as a wear coat.

USES:

ELASTI-THANE MEMBRANE is an excellent waterproofing membrane for use over concrete or wood substrates. Its high elongation allows it to bridge small cracks and fissures. Typical applications include recreational decks, parking structures, stadiums, plazas, roof decks, and mechanical equipment rooms.

TYPICAL COVERAGE:

ELASTI-THANE MEMBRANE can be applied neat up to 30 mils per coat over a properly primed substrate or applied at 1/4" + thickness as part of a Soft Floor System slurry base when extended with ROCK-TRED aggregates as fillers.

ADVANTAGES:

- 2-component
- Superior waterproofing
- Excellent weathering
- Quick re-coat in 4-6 hours

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	Mix entire content of kit
Viscosity (mixed)	4000-8000 CPS Typical
Solids Content (%)	96% (ASTM D-2697)
Hardness (ASTM D-2240)	70-80 (Shore A)
Application Temps.	45° – 80° F
Pot Life	30 minutes @ 75° F
Dry to Touch (recoat with compatible products)	6 -8 hours @ 75° F
Open to Light Traffic	24 hours @ 75° F
Open for Vehicular Traffic	36+ hours @ 75° F
Shelf Life	6 months in unopened units

PACKAGING:

- 5 Gallon Units

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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 or clear prior to re-coat.
- When re-coating, always apply the next coat within 24 hours of completing the previous coat.
- **ELASTI-THANE MEMBRANE** is not recommended as a wear coat.
- Adding aggregate into **ELASTI-THANE MEMBRANE** will reduce its flexibility.
- An appropriate ROCK-TRED primer lightly seeded with aggregate is always recommended under this product.
- **ELASTI-THANE MEMBRANE** is made to order. Always allow 7-10 days lead time when ordering this product.
- This product has a solvent odor during application and curing. Work area should be well ventilated with indirect air flow.

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-THANE MEMBRANE is only manufactured in Gray. Unless being used as the slurry base for a Soft Floor 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.

CHEMICAL RESISTANCE:

ELASTI-THANE 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.