

# ELASTI-THANE MEMBRANE

## AROMATIC ELASTOMERIC POLYURETHANE WATERPROOFING MEMBRANE

**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 added durability.

**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 up to 30 mils over a properly primed substrate or applied up to 2 inches when using ROCK-TRED aggregates as fillers.

**ADVANTAGES:**

- 2-component / low odor
- Excellent weathering
- Superior waterproofing
- Low VOC's
- Excellent abrasion resistance
- Quick re-coat 4-6 hours

**TYPICAL PROPERTIES:**

APPLICATION PROPERTIES	
Volume mix ratio	Mix entire content of kit
Viscosity [mixed]	4000-8000 CPS Typical
Solids Content [%]	96 % [ASTM D-2697]
Ultimate Elongation (ASTM D412)	350 %
Abrasion Resistance Tabor 1000 cycles / CS 17 wheel / 100g	0.01 grams Loss
Tensile Strength (ASTM D412)	1200 psi
Hardness (ASTM C-661)	70-80 (Shore A)
Application Temps.	45° - 80° F
Potlife	30 minutes @ 75° F (24° C)
Recoat time	6-8 hours @ 75° F (24° C)
'Open' to foot traffic	24 hours @ 75° F (24° C)
'Open' to vehicle traffic	36+ hours @ 75° F (24° C)
Shelf Life	6 months in unopened unit

*For physical properties on this product, refer to ROCK-TRED's Data Chart*

**PACKAGING:**

- 5 Gallon Units

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## LIMITATIONS & FOR BEST RESULTS:

- Do not thin this product.
- Do not apply when work area exceeds 70% relative humidity or when substrate temperatures may fall to less than 5<sup>0</sup> F above dew point during the curing of the material.
- Apply the next coat within 24 hours of completing the previous coat.
- The addition of aggregates will reduce elongation.

## PRODUCT APPLICATION:

Apply using brush, roller and squeegee ROCK-TRED product test data is based on environmental temperatures of 75<sup>0</sup> F (24<sup>0</sup> C). 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 available in gray. 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<sup>0</sup> F (10<sup>0</sup> C).

**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. Surface preparation by means of a shot-blasting machine is the best and recommended method for attaining the desired profile. 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 xylene immediately after use.

## 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:

**KIT COMPONENTS ARE PRE-MEASURED FOR OPTIMAL PERFORMANCE. CATALYZATION ERRORS DUE TO INCORRECT MIXING IN THE FIELD VOIDS PRODUCT WARRANTY.**

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 local representative or ROCK-TRED directly for recommendations.

## 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 circumstance, be liable for special, incidental, or consequential damages. This warranty supersedes all other guarantees, 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.