

ELASTI-THANE INTERMEDIATE

Polymer Solutions since 1939

2-COMPONENT ELASTOMERIC POLYURETHANE INTERMEDIATE

DESCRIPTION:

ELASTI-THANE INTERMEDIATE is a chemically curing, high solids, 2-component, elastomeric polyurethane build coat. **ELASTI-THANE INTERMEDIATE** can be applied over a primed substrate or ELASTI-THANE MEMEBRANE, and cures quickly to tough elastomer with a high durometer. **ELASTI-THANE INTERMEDIATE** is a lower viscosity traffic membrane material that can effectively encapsulate broadcast aggregates to provide a tough and durable intermediate coarse for systems exposed to vehicular or other heavy traffic.

USES:

ELASTI-THANE INTERMEDIATE, when installed with or without an aggregate broadcast, provides an excellent build coating to increase overall system thickness and durability in systems installed in parking structures, stadiums, loading docks, or anywhere the surface is exposed to severe traffic conditions.

TYPICAL COVERAGE:

ELASTI-THANE INTERMEDIATE is typically applied between 15 and 40 mils.

ADVANTAGES:

- 2-component / low odor
- Excellent resistance to thermal cycling
- Quick cure time
- Low VOC's
- Excellent abrasion resistance
- Good adhesion to basecoat

TYPICAL PROPERTIES:

APPLICATION PROPERTIES	
Volume mix ratio	Mix entire content of kit
Viscosity [mixed]	1000-2000 CPS Typical
Solids Content [%]	96% [ASTM D-2697]
Ultimate Elongation (ASTM D412)	150 %
.Tear Resistance	180 pli
Tensile Strength (ASTM D412)	2000 psi
Hardness (ASTM C-661)	80-90 (Shore A)
Application Temps.	45 ^o – 80 ^o F
Potlife	25-30 minutes @ 75 ^o F (24 ^o C)
Recoat time	6-8 hours @ 75 ^o F (24 ^o C)
'Open' to foot traffic	24 hours @ 75 ^o F (24 ^o C)
'Open' to vehicle traffic	36+ hours @ 75 ^o F (24 ^o C)
Shelf Life	6 months in unopened unit

PACKAGING:

• 5 Gallon Units

TECH DATA SHEET ELASTI-THANE INTERMEDIATE

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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 5⁰ F above dew point during the curing of the material.
- Apply the next coat within 24 hours of completing the previous coat.
- Do not apply this product heavier / thicker than the recommended spread rate / mil thickness.
- Do not leave as a finished topcoat as discoloration will occur.

PRODUCT APPLICATION:

Apply using brush, roller and squeegee ROCK-TRED product test data is based on environmental temperatures of 75⁰ F (24⁰ 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 INTERMEDIATE is only available in light 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 50⁰ F (10⁰ 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:

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.