

TECHNICAL DATA
ELASTI-THANE TOPCOAT
 (V.2011)

ALIPHATIC ELASTOMERIC POLYURETHANE TOPCOAT

DESCRIPTION:

ELASTI-THANE TOPCOAT (V.2011) is an 80% solids, solid color, single component, moisture cured, aliphatic polyurethane, flexible topcoat exhibiting up to 100% elongation upon cure. **ELASTI-THANE TOPCOAT (V.2011)** is a user friendly, cost effective, indoor/outdoor, lower sheen for use as a finish coating in traffic bearing systems.

USES:

ELASTI-THANE TOPCOAT (V.2011) is exceptional as a wear coarse for systems installed in parking structures, stadiums, and loading docks that are exposed to vehicular traffic, UV and/or thermal cycling. **ELASTI-THANE TOPCOAT (V.2011)** is impervious to water or chloride penetration and automotive chemicals and provides a tough and durable wear surface that remains permanently flexible over time.

TYPICAL COVERAGE:

ELASTI-THANE TOPCOAT (V.2012) is typically applied between 100-135 square feet per gallon and should not be applied any heavier than 100 square feet per gallon.

ADVANTAGES:

- Very high abrasion resistance
- Excellent weathering and resistance to thermal cycling
- Highly UV resistant
- Cures down to 45⁰ F
- Over 100% elongation
- Resistant to automotive chemicals

TYPICAL PROPERTIES:

PHYSICAL PROPERTIES	
Volume mix ratio	Single Component
Viscosity (mixed)	2,000-3,000 CPS Typical
Solids Content (%)	80% (ASTM D-2697)
Hardness (ASTM D-2240)	85 (A Scale)
Application Temps.	45 ⁰ – 80 ⁰ F
Gel Time	1 -2 hours @ 75 ⁰ F
Dry to Touch (recoat with similar product)	8 - 10 hours @ 75 ⁰ F
Through Cure	10 - 12 hours @ 75 ⁰ F
Open for Light Traffic	24 hours @ 75 ⁰ F
Open for Vehicular Traffic	36 hours @ 75 ⁰ F
Shelf Life	6 months in unopened units

PACKAGING:

- 5 Gallon Units

TECH DATA SHEET ELASTI-THANE TOPCOAT V.2011

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LIMITATIONS & FOR BEST RESULTS:

- Do not thin this product.
- Do not apply when substrate temperatures may fall to less than 5° F above dew point during the curing of the material.
- When re-coating, always 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.
- Power mix product on low speed for 2 minutes prior to application.
- Do not apply direct to concrete.
- Use only in well ventilated areas.

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 TOPCOAT V.2011 is typically manufactured in GRAY, but others colors are available in minimum order quantities at an additional cost. 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 50F.

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 followed by priming or installation of compatible base coatings is the best and recommended preparation method for ELASTI-THANE TOPCOAT V.2011 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 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.