

ELASTOMERIC POLYURETHANE FLEXIBLE COATING, SLURRY BASE or GROUT

DESCRIPTION:

ELASTI-THANE BASECOAT is a high-solids, 2-component, amber/clear, aliphatic polyurethane coating designed to perform multiple functions. It provides the benefits of good UV resistance with the ability to be extended and applied at depths up to 2" when incorporating ROCK-TRED aggregates and fillers.

USES:

ELASTI-THANE BASECOAT can be used the broadcast or slurry base coat in some ROCK-TRED SOFT-FLOOR Systems or a highly flexible joint filler. It can be extended up to 1:1 by volume with certain ROCK-TRED aggregates to make a slurry or flexible grout.

TYPICAL COVERAGE:

ELASTI-THANE BASECOAT can be installed as a grout up to 2 inches thick or as a high build component in flexible foot traffic membrane systems from 20 to 250 mils.

ADVANTAGES:

- 2-component / low odor
- Excellent weathering
- Excellent flexibility
- Cures down to 33°F
- Good abrasion resistance
- Can be field pigmented using ROCK-TRED Universal Colorants

TYPICAL PROPERTIES:

APPLICATION PROPERTIES	
Volume mix ratio	Mix entire content of kit
Viscosity (mixed)	4000 - 6000 CPS Typical
Solids Content (%)	96% (ASTM D-2697)
Ultimate Elongation (ASTM D412)	1,000-1,200%
Abrasion Resistance Taber 1000 cycles / CS 17 wheel / 100g	0.02 grams Loss
Tensile Strength (ASTM D412)	700-800 psi
Hardness (ASTM C-661)	60-65 (Shore A)
Application Temps.	33° - 80° F
Pot Life	35 - 40 minutes @ 75°F
Recoat time	6 - 8 hours @ 75°F
Open to foot traffic	12 - 16 hours @ 75°F
Open to vehicle traffic	36+ hours @ 75°F
Shelf Life	6 months in unopened unit

PACKAGING:

- 2.5 Gallon Units

RT SERIES 624 ELASTI-THANE BASECOAT

LIMITATIONS & FOR BEST RESULTS:

- ELASTI-THANE BASECOAT may be thinned up to 10% by volume with xylene for better flow and leveling.
- Do not apply when work area exceeds 70% relative humidity or when substrate temperatures may fall to less than 5° 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 directly to concrete. Use an appropriate ROCK-TRED Primer or basecoat system.
- Do not apply this product heavier / thicker than the recommended spread rate / mil thickness.
- 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 as a coating, or via gauge rake and spiked roller when applied as a slurry. When used as a joint filler or grout product may be poured or tooled into place. 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 BASECOAT is available in amber/clear only but can be field pigmented using ROCK-TRED Universal Colorants. Use up to one Bag-Pak of Universal Colorant per 2.5 gallon mix. Most ROCK-TRED products are available in a wide range of textures using an appropriate aggregate.

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.

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.

CLEAN UP: Application tools and equipment can be cleaned with xylene immediately after use.

CHEMICAL RESISTANCE: Always refer to ROCK-TRED's chemical resistant chart for specific information on each product / system or contact ROCK-TRED directly.

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.