



ELASTI DECK

Technical Data Information

Elasti-Base

Elasti-Base is a single-component, high tensile strength, durable waterproofing coating used as the Base in all EZ-Elasti Deck Concrete and Wood coating systems. This elastomeric membranes can withstand extreme environmental conditions and have excellent penetrating qualities, ensuring superior waterproofing protection.

DESCRIPTION

Basic Uses: Elasti-Base is the standard elastomeric membrane (and in special situations the base membrane)

FEATURES/BENEFITS

- Single-component application, vulcanized by moisture
- High strength, high elongation, high adhesion
- Excellent aggregate binding qualities
- Withstands extreme environmental conditions
- Easy application and rapid cure
- Resilient to expansion and contraction of substrate
- Eliminates migratory water problems due to 100% contact with the substrate
- Designed for demanding exterior applications

AVAILABILITY

EZ products are available throughout the United States, Canada, and a number of other countries. Contact the EZ Sales Representative in your area for details.

PRECAUTIONS

Before using this product, read the container precautionary label and SDS sheet carefully. Exposure to urethanes or petroleum solvents may cause allergic skin or respiratory reactions. Do not get into eyes, onto skin, or clothing. If contact occurs, flush affected areas with soap and water. Wash clothing before reuse. Use only with adequate ventilation. Seek medical help for all-over exposures. THIS PRODUCT IS FOR PROFESSIONAL USE ONLY.

INSTALLATION

Surface Preparation: As a moisture cure product, the relative humidity should be greater than 30% and less than 90% during the application and cure of the product.

APPLICATION

Elasti-Base is normally applied at a rate of 180 to 200 square feet per gallon, per coat. If more than one coat is required, allow a minimum of 16 hours and a maximum of 72 hours cure time between coats. Elasti-Base is easily applied by roller, notched squeegee or notched trowel. Always follow by back rolling. Application should not commence unless the ambient temperature is 40°F or higher and should not proceed during inclement weather.

For easier application & product performance, 10% Xylene can be added. (Low odor or low VOC Xylene is not recommended.)

APPLICATION CONT.

Elasti-Base is usually used in conjunction with Elasti-Binder topcoats, as described in the various EZ Application-Specification Data Sheets. Elasti-Deck Accelerator may be added to Elasti-Base to allow for a shorter cure time. Please refer to the Technical Literature on accelerators or contact EZ-Concrete Supply for details.

Elasti-Deck Decorative Application: Elasti-Base is normally applied at a rate of 180 to 200 sq. ft. per gallon, per coat, resulting in a 8 - 10 mil wet film thickness, unless applied at a thinner mill rate. Always follow the back rolling. Application should not commence unless the ambient temperature is 40°F or higher and should not proceed during inclement weather.

Use Elasti-Base with Elasti-Binder and apply Elasti-Binder at a rate 180 – 200 per gallon over Elasti-Base Broadcasting medium. (Color Flakes, Quartz, Mica, ect).

LIMITATIONS

Containers that have been opened must be used within one or two days since the product is a moisture-reactive material that will gel or set up when exposed to moisture in the air. A polyethylene sheet should be used as a

blanketing material prior to re-sealing the lid on a partially used container. Prior to the application of Elasti-Base, proper surface preparation procedures must be followed. Refer to the EZ Technical Bulletin on Surface Preparation of plywood and concrete substrates. Elasti-Base cures faster when applied under warm temperatures and high humidity conditions and slower in a cool and low humidity environment.

Technical Data

Cure Time at 77°F, 50% R.H	At 10 Mils, - 16 – 24 Hours
Mix Ratio By Volume	One Component – Mix well
Coverage, Sq. Ft./Gal	180 – 200 sq. ft. (Typical)
Standard Color	Tan & Grey
Cured Film Impact	Passes 60 in. lbs. Reverse Impact
VOC Content	250 g/l Calculated

Technical Data

Property Method	Typical Value	Test Method
Solids Content (Mixed)	80% ± 2%	ASTM D-1353
Weight per Gallon (Mixed)	10.4 lbs.	ASTM D-1475
Viscosity at 77°F 25°C	25 – 35 poise	ASTM Brookfield
Flash Point	Above 120°F 49°C	ASTM D-93
Tensile Strength	2250 +/- 250psi	ASTM D-412
Ultimate Elongation	450 +/- 50%	ASTM D-412
Hardness Shore A	80 +/- 5	ASTM D-2240
Tear Resistance	250 +/- 50 lbs/in	ASTM D-1004
Water Vapor Permeability	1.5 perms	ASTM D-96
Adhesive Bond Strength	25 pli to Base Coat	
Hydrostatic Pressure	23 +/- 2 per sq. in.	ASTM-2240

SHELF-LIFE

Nine (9) months after manufacture when continuously stored in unopened metal pails at temperatures less than 80°F. Stir thoroughly prior to use

TECHNICAL SERVICES

Sales and Customer Support 1(844)EZ-EPOXY

Notice to Buyer: Disclaimer of Warranties and Limitations on Our Liability

LIMITED WARRANTY EZ-Concrete Supply warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any EZ materials prove to contain manufacturing defects that substantially effect their performance, EZ will, at its option, replace the materials or refund its purchase price. This limited warranty is the only warranty extended by EZ with respect to its materials. There are no other warranties, including the expressed or implied warranties of merchantability and fitness for a particular purpose. EZ specifically disclaims liability for any incidental, consequential, or other damages, including but not limited to, loss of profits or damages to a structure or its contents, arising under any theory of law whatsoever. The dollar value of EZ's liability and buyer's remedy under this limited warranty shall not exceed the purchase price of the EZ material in question. Such information supplied about our products is not a representation or a warranty. It is supplied on the condition that you shall make your own tests to determine the suitability of our product for your particular purpose. Any use or application other than recommended herein is the sole responsibility of the user. Listed physical properties are typical and should not be construed as specifications. NO WARRANTY IS MADE THAT THE USE OF SUCH INFORMATION OR OUR PRODUCT WILL NOT INFRINGE UPON ANY PATENT. Acceptance of delivery of our product means that you have accepted the terms of this warranty whether or not purchase orders or other documents state terms that vary from this warranty. No representative is authorized to make any representation or warranty or assume any other liability on our behalf with any sale of our products. Our products contain chemicals that may CAUSE SERIOUS PHYSICAL INJURY. BEFORE USING, READ THE MATERIAL SAFETY DATA SHEET AND FOLLOW ALL PRECAUTIONS TO PREVENT BODILY HARM.