



TDS 12-08-19

ElastaGuard Membrane

Urethane/Polymeric Water Proofing Membrane or Underlayment

DESCRIPTION

ElastaGuard Membrane is a high solid urethane/polymeric membrane used for waterproofing existing underlayment systems, *or* as a stand alone corrosion resistant underlayment . As an underlayment ElastaGuard provides the applicator with a flexible corrosion containment system with unrivaled durability when prepared and primed to metallic substrates. Resilient, sound dampening and lightweight its fluid applied properties form a jointless surface providing an impermeable elastomeric membrane that protects against corrosion and isolates subsequent applications of underlayments, deck covering or floor finishes from movement. As a membrane this product gives the installer the ability to waterproof existing underlayment systems while also providing a foundation for the next decorative layer.

Theoretical Coverage Rates *Kit Sizes Marked by **

| 1/16th inches | 1.58mm | 62.50 mils |
|--|--------|------------|
| 127 Square Feet Per Size 5 Gal. Kit | | |
| 50 Square Feet Per Size 2.5 Gal. kit ** | | |
| 31 Square Feet Per Size 1.25 Gal. Kit*** | | |

| 1/8th inches | 3.175mm | 125 mils |
|---|---------|----------|
| 63 Square Feet Per Size 5 Gal. Kit | | |
| 25 Square Feet Per Size 2.5 Gal. kit ** | | |
| 15 Square Feet Per Size 1.25 Gal. kit *** | | |

Kit and Packaging sizes (1 kit = Resin + Hardener)

| Item Number | Description | Component | Weight |
|-------------|--------------------------------------|-----------|--------------------|
| 0484- Beige | ElastaGuard Membrane Pigmented Resin | Part. A | 48 lbs. / 21.77 KG |
| 0485 | ElastaGuard Membrane Hardener | Part. B | 9 lbs. / 4.0 KG |
| 0484-2GPA** | Elastaguard Membrane Pigmented Resin | Part. A | 19 lbs. /8.61 KG |
| 0485-HGCB** | Elastaguard Membrane Hardener | Part. B | 5 lbs. / 2.26 KG |
| 0484-1*** | Elastaguard Pigmented Resin | Part. A | 11 lbs. / 4.98 KG |
| 0485-1*** | ElastaGuard Membrane Hardener | Part. B | 2.3 lbs. / 1.04 KG |

Installation Guideline for ElastaGuard Membrane Systems

**** Due to the high viscosity of ElastaGuard Membrane Pigmented Resin****

****It is important that the applicator pre-mix the resin before combining it with the hardener****

Elastaguard Membrane as an Underlayment System

Step1: Pour contents of **TM Bond Coat** onto working surface and spread using a notched squeegee or epoxy roller. *ElastaGuard Membrane can also be applied directly over marine grade epoxy primer.*

Step2: Pre-Mix and Pour combined contents of **ElasraGuard Membrane** resin onto working surface and spread using a notched hand trowel or notched squeegee. *If out-gassing occurs back roll with an epoxy spiked roller*

Step3: Apply desired primary coating onto cured ElastaGuard Membrane according to that systems application spec.

Scientifically Superior I Performance Proven

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ElastaGuard Membrane as a Water Proofing System

Step1: After application of desired **underlayment system** has been completed and sealed with TM Grout resin Proceed to pre-mix ElastaGuard Membrane components.

Step2: Pour combined contents of **ElastaGuard Membrane** resin onto *sealed* underlayment and spread using a notched hand trowel or notched squeegee. *If out-gassing occurs back roll with an epoxy spiked roller*

Step3: Apply desired primary coating onto cured ElastaGuard Membrane according to the systems application spec.

Surface Preparation

Metal deck surfaces should be cleaned free of rust, loose scale, and dirt in accordance with SSPC SP11/NACE No 6. Grease and oil should be removed with approved solvents and clean rags in accordance with SSPC SP-1. The resulting surface should be clean and bright and protected against corrosion before Dex-O-Tex materials are applied. ElastaGuard Membrane may be applied to a cured Navy Formula 150 Primer, MIL-DTL-24441, MIL-PRF23636 or to Dex-O-Tex TM Bond Coat and Underlayment Systems. Consult your local Dex-O-Tex Marine Rep. when wood or other deck surfaces are involved.

Job Site Survey

Measure and record ambient temperature and humidity, surface temperature and the temperature of the material being used. Do not proceed with the application if the conditions are outside the recommended parameters. Inspect materials to be used. Verify material is the proper material and all components and sizes are correct. Inspect all containers and verify a proper factory seal with no signs of damage or leakage. Premix Liquid materials into a smooth homogenous blend before uses.

Environmental Conditions for Application

All materials are mixed, applied and cured at the job site. Minimum environmental conditions are required to facilitate proper curing and performance of the products. Ensure conditions are in accordance with the following requirements.

| | | |
|--------------------------|-----------|-----------|
| Substrate Temp | Min. 65°F | Max. 80°F |
| Relative humidity | Min. <90% | Max. 90% |
| Ambient Air Temp | Min. 45°F | Max.95°F |

| | | | |
|------------------------------|---------------|---------------|---------------|
| Dry to Re-Coat or Use | 14Hrs at 65°F | 10Hrs at 75°F | 08Hrs at 85°F |
| Max Re-Coat | 48Hrs at 65°F | 44Hrs at 75°F | 40Hrs at 85°F |
| Cure to Full Service | 52Hrs at 65°F | 48Hrs at 75°F | 44Hrs at 85°F |

Material Disclosure

Materials should be delivered in original packages and containers with seals unbroken and bearing manufacturer's labels containing brand name and directions for storage and mixing with other components. Check materials immediately upon receipt, verify all the correct materials in the correct packaging are accounted for in good condition. Sort the materials and store them in a tempered storage area.

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Applicator Notes

For proper workability it is important the Dex-O-Tex materials be stored and mixed at a temperature of 65°F-80°F. A warm substrate will decrease the pot life and make the materials sticky. A cooler substrate will lengthen the cure time and may cause a blush of the polymeric resins. Decking surfaces and room temperature of 65°F or slightly higher must be maintained for the duration of the Cure to Full Service time. When mixing the polymeric resin components, be sure to use all the provided resins. The resins are premeasured to the correct ratios. Scrape all the hardener from the container into the resin. Do not turn mixing vessels upside down to drain on the flooring surface. Unmixed resin from the side may produce soft or uncured spots on the flooring surface. Keep the unfinished flooring surface clean. Do not track dirt, grease, or any other contaminants onto the unfinished decking surface. Any contaminate could negatively affect the aesthetics of the finished flooring. Good ventilation must be provided during application, particularly in confined spaces. Always obtain, read and observe Manufacturers Safety Data Sheets (**MSDS**) before handling polymeric materials.

Warranty Information

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