



## ETERNALASTIC 7-YEAR SUGGESTED APPLICATION INSTRUCTIONS FOR EPDM

### DESCRIPTION

Application of the **Eternalastic** Coating System to new or existing EPDM roofing as described in these instructions will result in a coating or “membrane” that is durable, reflective, mildew and discoloration resistant. In addition, a properly applied **Eternalastic** Coating System is eligible for Tropical Roofing Products’ Seven (7) Year Limited Materials Warranty.

The overall thickness of the finished coating, when properly applied to EPDM roofing will be approximately 18 mils for field areas and 60 mils at all flashing areas including roof penetrations, etc.

### MATERIAL REQUIREMENTS PER 100 SQ. FT.

> #911 Eternalastic	
> White	1 gallon
> Gray	1 gallon
> #980 Eternalastic Asphalt Primer	As required
> #930 Eternalastic Fabric	As required
> #950 Eternamastic	As required
> #990 Eternalastic EPDM Primer	1 gallon per 500 sq. ft.
> #951 Eternapatch	As required

### WEATHERING & CURING

Components of the **Eternalastic** Coating System for EPDM Roofing, as listed above, are to be applied at a minimum temperature of 50°F. Normally, full cure of each component ranges between 2 and 12 hours depending on temperature and humidity conditions. Lower temperatures and/or higher humidity levels increases cure time. Additionally, system application must not begin if rain is expected within 24 hours or temperatures below 50°F are forecast.

### FLASHING

All flashing areas and drip edges are to be treated with either #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Reinforcing Fabric. A coat of #911 Eternalastic (Gray) can be applied for improved performance.



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### APPLICATION

#### Roof Preparation

1. FOR NEWLY APPLIED OR AGED EPDM
  - a. Surface to be repaired or coated must be clean, dry and free of dust and dirt.
  - b. Apply #990 Eternalastic Rinseable Primer at a rate of 1 gallon per 500 sq. ft. #990 Eternalastic Rinseable Primer should be applied with a conventional compressive air sprayer/Hudson sprayer.
  - c. The EPDM substrate must next be pressure washed with water at a rate of max 2500psi to remove remaining dust and dirt.
  - d. #990 Eternalastic Rinseable Primer is mandatory for maximum adhesion. Any residue of the #990 Eternalastic Rinseable Primer left on the EPDM will also have disastrous adhesion results. Therefore, a complete second rinse is essential.
2. Thoroughly inspect the EPDM membrane for defects (holes and other openings). If the defects are larger than 1/8", repair before coating application using either #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Reinforcing Fabric.
3. The Eternalastic System is approved over EPDM roofing having positive drainage. If ponding water is present in any area for more than 72 hours, the Eternalastic Coating System is not recommended. Consult with a Tropical Roofing Products representative for more information.

#### Coating Application

1. All flashing work should have a minimum film thickness of 60 mils. The applications procedures for treating flashing areas are:
  - a. Curbs are to be treated with either #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Reinforcing Fabric, with a minimum overall width of 12" (6" on either side of the curb).
  - b. Penetrations are flashed using either #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Reinforcing Fabric. #950 Eternamastic or #951 Eternapatch is applied around the base of each penetration and extended 3" beyond each side and feathered. Application of mastic or patch should be sized to fit the shape of the penetration.



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- c. Problematic seams must be treated with a minimum of 6" overall width (3" on each side) with either #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Reinforcing Fabric.
- d. #930 Eternalastic Fabric is to be used as follows:
  - i. Apply a layer of either #950 Eternamastic or #951 Eternapatch to the seam or lap using a brush or trowel. While still wet, #930 Eternalastic Reinforcing Fabric is embedded and a second "coat" of #950 Eternamastic or #951 Eternapatch is then applied and allowed to cure. As an option, a coat of #911 Eternalastic Coating (Gray) can be applied to improve performance.
2. If asphalt is present on the EPDM membrane, the asphalt must be treated with #980 Eternalastic Asphalt Primer. The recommended coverage rate is 1 gallon per 200 sq. ft. Application can be by either brush, roller, or airless spray.
3. Apply the first coat using #911 Eternalastic (Gray) using a brush, roller, or airless spray at a coverage rate of 1 gallon per 100 sq. ft. Allow a minimum cure time of 12 hours prior to inspections for defects.
4. Apply the second coat using #911 Eternalastic (White) using a brush, roller, or airless spray at a coverage of 1 gallon per 100 sq. ft. Again, allow a minimum of 12 hours cure time before allowing foot traffic. After drying, inspect the application for defects and repair as necessary.

**DILUTION OF ANY ETERNALASTIC PRODUCT USED IN ANY APPLICATION NEGATES ANY WARRANTY FROM TROPICAL ROOFING PRODUCTS.**

