



# ETERNALASTIC: 10-YEAR APPLICATION SPECIFICATION

## 10-YEAR MATERIAL-LABOR\* WARRANTY

### Metal Roof Coating System

#### DESCRIPTION

The **Eternalastic** 10-year metal roof coating system will provide a long lasting, durable "membrane" over new or existing metal roofing installations when applied using the **Eternalastic** Products and application methods described below. A reduction in interior building temperatures due to superior heat reflection, mildew and discoloration resistance and increased roof life are among the expected benefits.

Proper application of the **Eternalastic** 10-year system will result in an overall coating thickness of 27 mils, minimum in field areas; for flashing and seam areas, coating thickness will be in excess of 60 mils.

#### MATERIAL REQUIREMENTS PER 100 SQ. FT.

> #911 Eternalastic Coating	
> White	1.5 gallons
> Gray	1.5 gallons
> #950 Eternamastic	As required
> #960 Eternalastic Metal Primer	As required
> #970 Eternalastic Asphalt Primer	As required
> #930 Eternalastic Fabric	As required
> #951 Eternapatch	As required

#### WEATHERING & CURING

#911 Eternalastic Coating (White & Gray), #950 Eternamastic, #951 Eternapatch, #960 Eternalastic Metal Primer, and #980 Eternalastic Asphalt Primer are to be applied at a minimum temperature of 50°F. Curing time for each component ranges from 4 to 12 hours depending on temperature and humidity. Lower temperatures and higher humidity levels will increase cure time.

#### FLASHING

Flashings and drip edges are to be treated with either #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Reinforcing Fabric. Additionally, a coat of #911 Eternalastic Coating (Gray) can be applied to improve durability and performance.

\*additional charges apply, call for details.



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#### INSTALLATION

1. Pressure washing at a maximum of 3,000 psi is recommended to remove dirt, dust or other materials that may prevent satisfactory adhesion. The entire substrate should be dry before application of any **Eternalastic** Product.
2. All surfaces must be dry, dirt-free and have positive drainage. Loose coating must be removed.
3. All rust areas must be wire brushed, thoroughly cleaned and coated with **#960 Eternalastic Metal Primer** at a coverage rate of 1 gallon per 100 sq. ft. **#960 Eternalastic Metal Primer** can be applied using a brush, roller or airless spray. NOTE: Spray applied primer should be brushed or rolled after application to ensure satisfactory adhesion. If applicable, apply a second coat of **Eternalastic Metal Primer**.
4. Asphalt, if present, must be removed and the affected areas treated with **#980 Eternalastic Asphalt Primer** at a coverage rate of 1 gallon per 200 sq. ft. After application, allow the Asphalt Primer to cure before proceeding. NOTE: As an additional precaution before applying the base coat, treat all primed (rust or asphalt) surfaces with a coat of **#911 Eternalastic Coating (Gray)** at a coverage rate of 200 sq. ft. per gallon.
5. Fasten all loose screws and fasteners. To ensure a watertight seal, apply **#950 Eternamastic** around each screw and fastener. Holes and cracks (1/8" wide or larger) are to be repaired using either **#950 Eternamastic** or **#951 Eternapatch**.
6. All seams and areas around roof penetrations (vents, scuttle hatches, etc.) are to be treated with either **#950 Eternamastic** or **#951 Eternapatch** along with **#930 Eternalastic Reinforcing Fabric** to achieve watertight seals. For cracks over 1/8" wide, work the **Eternamastic** or **Eternapatch** into the crevices. Use **#930 Eternalastic Reinforcing Fabric** with **#950 Eternamastic** and spread to 2" to 4" beyond the crack.
7. For high stress areas, including horizontal seams, **#930 Eternalastic Fabric** is to be used as follows: Apply a layer of either **#950 Eternamastic** or **#951 Eternapatch** to the seam using a brush or trowel. While still wet, **#930 Eternalastic Reinforcing Fabric** is embedded and to fully embed the Fabric, a second coat of Mastic or Patch is applied and, again, allowed to cure before proceeding. NOTE: If applicable, always cut Fabric around screw heads or fasteners to prevent bridging.
8. Before applying the finish coating (**#911 Eternalastic Coating (White)**), contact Tropical Roofing Products' regional office for information on 10-year warranty requirements. Tropical Roofing Products' regional offices are:

#### Florida

1904 SW 31st Avenue  
Hallandale, FL 33009  
Fax: 954.963.2033  
Toll Free: 800.432.2855

#### California

14435 Macaw Street  
La Mirada, CA 90638  
Fax: 714.670.1605  
Toll Free: 877.827.2622

#### Texas

1225 Brai Drive  
P.O. Box 5335  
Port Arthur, TX 77640  
Fax: 409.727.4647  
Toll Free: 866.727.0091

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9. To a totally prepared metal roof, apply two coats of #911 Eternalastic Coating as follows:

- a. Brush, roll or airless spray apply #911 Eternalastic Coating (Gray) at a coverage rate of 1.5 gallons per 100 sq. ft. (wet coating thickness 24 wet mils minimum). Allow the applied coating to cure for at least 12 hours.
- b. Brush, roll, or airless spray apply #911 Eternalastic Coating (White) at a coverage rate of 1.5 gallons per 100 sq. ft. (wet coating thickness 24 wet mils minimum). For brush and roll-applied coating the finish coat should be applied in a direction 90 degrees from the direction the base coat was applied. Total dry film thickness after both base and finish coat have been applied should be a minimum of 27 dry mils.
- c. All Eternalastic Products are water based to facilitate ease of application and clean up. All tools, spills, etc. should be cleaned immediately using water.
- d. Special attention should be given to ensure that all outside edges and corners are adequately coated with both primer and finish coatings.

### QUALITY ASSURANCE

Allow a minimum of 12 hours dry time before allowing foot traffic or inspections. After drying, inspect the roof for defects and repair as necessary before conducting a final inspection. To assure that application of the Eternalastic 10-year Coating System is satisfactory, a monolithic coating should be visibly present. Inspection of the completed application should result in the following coating thicknesses:

**Overall Field:** 27 dry mils (minimum)

**Flashings/Seams:** 60 dry mils (minimum)

**ALL DEFECTIVE WORK MUST BE REPAIRED BY THE APPLICATOR BEFORE A TROPICAL ROOFING PRODUCTS 10-YEAR WARRANTY CAN BE ISSUED.**

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

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