



ETERNALASTIC: 7-YEAR APPLICATION SPECIFICATION

7-YEAR MATERIAL-LABOR* WARRANTY

Metal Roof Coating System

DESCRIPTION

The **Eternalastic** 7-year Metal Roof Coating system provides a durable “membrane” over new and existing metal roofing when applied using **Eternalastic** products and application specifications described below. A reduction in interior building temperatures along with mildew/discoloration resistance and increased roof life are among the system’s benefits.

Specified application of the **Eternalastic** 7-year systems will result in an overall coating thickness of 18 mils minimum in field areas; for flashing and seaming areas, 60 mils minimum.

MATERIAL REQUIREMENTS

- > #911 Eternalastic Coating
 - > White 1 gallon
 - > Gray 1 gallon
- > #950 Eternamastic As required
- > #960 Eternalastic Metal Primer As required
- > #980 Eternalastic Asphalt Primer As required
- > #930 Eternalastic Fabric As required
- > #951 Eternapatch As required

WEATHERING & CURING

#911 Eternalastic Coating, #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 material ranges from 4 to 12 hours depending on temperature and humidity. Lower temperatures and higher humidity levels increase cure time.

FLASHING

Flashing and drip edges are to be treated with either #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Fabric. A coat of #911 Eternalastic Coating (Gray) can be applied to improve 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. Fasten all loose screws and fasteners. To ensure a watertight seal, apply #950 Eternamastic around each screw head and fastener.
5. All seams and areas around roof protrusions (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 #950 Eternamastic or #951 Eternapatch into the crevices. Use #930 Eternalastic Reinforcing Fabric with #950 Eternamastic and spread to 2" to 4" beyond the crack.
6. 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.
7. Asphalt, if present, should be removed and treated with #980 Eternalastic Asphalt Primer at a coverage of 1 gallon per 200 sq. ft. Allow the #980 Eternalastic Asphalt Primer to cure before proceeding.
8. As an additional preparation for all primed surfaces (rust or asphalt) a coat of #911 Eternalastic Coating Gray should be applied at a coverage rate of 200 sq. ft. per gallon.
9. Before applying the finish coat (Eternalastic Coating White), contact Tropical Roofing Products' regional office for information on 7-year Material & Labor 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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10. To a totally prepared metal roof, apply two coats of **Eternalastic** Coating as follows:
- Brush, roll, or airless spray apply the base coat of **#911 Eternalastic** Coating (Gray) at a coverage rate of 1 gallon per 100 sq. ft. (Wet coating thickness should be 16 wet mils minimum). Allow the applied coating to cure for at least 12 hours.
 - Brush, roll, or airless spray apply the finish coat of **#911 Eternalastic** Coating (White) at a coverage rate of 1 gallon per 100 sq. ft. (wet coating thickness should be 16 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 18 mils in field areas.
 - All **Eternalastic** Products are water based to facilitate ease of application and clean up. All tools, spills, etc. should be cleaned immediately using water.
 - 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** 7-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: 18 dry mils (minimum)

Flashings/Seams: 60 dry mils (minimum)

ALL DEFECTIVE WORK MUST BE REPAIRED BY THE APPLICATOR BEFORE A TROPICAL ROOFING PRODUCTS 7-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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