



ETERNALASTIC 10-YEAR APPLICATION INSTRUCTIONS

FOR BUR AND MODIFIED BITUMEN ROOFING SYSTEMS

Smooth & Granulated

DESCRIPTION

Application of the Eternalastic Coating System to new or existing BUR or modified bitumen 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’ Limited Ten (10) Year Materials Warranty.

The overall thickness of the finished coating, when properly applied to a BUR or modified bitumen roof will be approximately 27 mils for field areas and 60 mils at all flashings areas including roof penetrations such as vent pipes and ridge caps, etc.

MATERIAL REQUIREMENTS

> #911 Eternalastic	
> White	1.5 gallons
> Gray	1.5 gallons
> #980 Eternalastic Asphalt Primer	As required
> #930 Eternalastic Fabric	As required
> #950 Eternamastic	As required
> #951 Eternapatch	As required

WEATHERING & CURING

All components of the Eternalastic Coating System listed above should be applied at a minimum temperature of 50°F. Normally, full cure for each component ranges between 4 and 12 hours depending on temperature and humidity conditions. Lower temperatures and/or higher humidity levels will increase cure time. Additionally, system application must not begin if rain is expected within 48 hours or temperatures below 50°F are forecast.

FLASHING

All flashings and drip edges should 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

1. Pressure washing is recommended to remove dirt, dust and other materials that could prevent satisfactory adhesion. The membrane should be dry before application of any Eternalastic Product.
2. The Eternalastic System is approved for application over BUR and modified bitumen roofs having positive drainage. If ponding water is present in any area for more than 72 hours, the Eternalastic Coating System is not recommended.
3. Thoroughly inspect the roof for any defects such as holes, cracks, etc. Holes or cracks larger than 1/8" must be repaired before coating application using either #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Reinforcing Fabric.
4. If the modified bitumen roof is newly installed, do not coat with #911 Eternalastic for a minimum of 30 days to allow for full "cure" of the modified bitumen.
5. Normally, components of the Eternalastic Coating System are applied using a brush, roller, trowel, or airless spray.
6. All flashing work should have a minimum dry film thickness of 60 mils. The suggested application for flashing areas is:
 - 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 and all other flashings are to be 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 on both sides and feathered. Application of mastic should be sized to fit the shape of the penetration
 - c. For high stress areas, #950 Eternamastic or #951 Eternapatch along with #930 Eternalastic Reinforcing Fabric are applied as follows:

Apply a layer of #950 Eternamastic or #951 Eternapatch using a brush or a trowel. While still wet, #930 Eternalastic Reinforcing Fabric is embedded and a second coat of mastic is applied. Allow the assembly to cure before proceeding.



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7. Any exposed asphalt should be treated with #980 Eternalastic Asphalt Primer at a coverage rate of 1 gallon per 200 sq. ft. It is recommended that airless spray applied primer be brushed or rolled before coating application to optimize adhesion.
8. Apply the first coat, or base coat using #911 Eternalastic Coating (Gray) using a brush, roller or airless spray at a coverage rate of 1.5 gallon per 100 sq. ft. Allow a minimum of 12 hours drying time prior to any foot traffic or inspection.
9. Apply the second coat using #911 Eternalastic Coating (White) using a brush, roller, or airless spray at a coverage rate of 1.5 gallon per 100 sq. ft. Again, allow a minimum of 12 hours drying time before allowing foot traffic or inspections. After curing, inspect for defects and repair as necessary.

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

