

**GENERAL**

For use on Polyurethane Foam #911 is an Energy Star rated, Title 24 compliant, UL Class A approved, Dade County Approved, 100% acrylic-based elastomeric roof coating. When used in this specification over Polyurethane Foam roof a seamless, monolithic roof system is achieved.

APPLICATOR QUALIFICATIONS

1. Applicator shall have a general knowledge and understanding of standard roofing practices as defined by the NRCA and knowledge of the Tropical Roofing Products to be used in this specification.
2. For all warranties, a licensed contractor, with proven business stability should be used to ensure proper installation.

JOB CONDITIONS

1. Curing time for all products is critical. Applicator must allow for sufficient cure time for each product.
2. Do not begin work if rain or heavy dew is expected within twenty four to forty eight hours (24-48) of application.
3. Do not begin work if temperatures are expected to fall below 50°F during the duration of the job.
4. Other environmental conditions such as humidity, mist, dew, extreme temperatures, and condensation can affect cure time of products in an adverse way.
5. This system is not recommended if ponding water exists for more than 48 hours after last rainfall.

ROOF PREPARATION

1. Repaired or coated areas must be clean, dry and free of dust, dirt, grease, wax, or other incompatible substances.
2. Existing substrate must be securely attached.
3. Large splits/blisters are required to be repaired prior to application of the system
4. Repair splits and blisters with #950 or #951 in a three course fashion (refer to flashing section for details).
5. This Restoration System is approved for application over BUR and Modified Bitumen roofs having positive drainage.
1. **Skylights:** Curb skylights shall be treated in the same fashion as curb flashings. The entire perimeter shall be flashed with a minimum 6"x1/16" inches of #950 Eternamastic along with #930 Polyester Fabric. All exposed skylight fasteners shall be encapsulated with #950 or #951 flashing mastics. Do not "bridge" fasteners. #930 Polyester Fabric shall be cut around all fasteners so the fabric lies flat.
2. Inspect Preliminary Work / Flashing Details for problem areas (e.g., gaps, cracks, fish mouths, air pockets, etc.) to ensure that work is complete and satisfactory.

**POLYURETHANE
FOAM****# 911 Eternalastic****# 911 Eternalastic****100% ACRYLIC ELASTOMERIC
ROOF COATING SYSTEM**

- Apply over Existing Foam Surface
- Water Based - No Fumes - No Flames
- Tough - Flexible - Strong
- Light Weight - Seamless - Smooth
- Energy Efficient Reflective Surface
- Tax Benefits
- Renewable

**MATERIAL REQUIREMENTS PER 100 SQ. FEET OF SURFACE**

System Component	Amount	Dry Wt.
1. #911 Eternalastic Base Coat	2.0 Gal	14.8 lbs
2. #911 Eternalastic White (Top Coat)	2.0 Gal	14.8 lbs
3. #950 Eternamastic or #951 Eternapatch on all penetrations		

SYSTEM OF WET/DRY MILS & WEIGHT PER 100 SQ. FEET

1. Penetration Areas with #950 or #951	100/60 mils
2. Surface Area (approx.)	64/32 mils
3. Total System with penetration (approx.)	164/92 mils
4. Total System Dry Weight lbs.	29.6 lbs

COMPONENT PERFORMANCE REQUIREMENT & TEST METHODS

# 911	#950	#951	#930
Solar Reflectance Index - 108	MAX V.O.C 15 G/L	MAX V.O.C 15 G/L	Burst Strength 100%
CRRC ID 0656-0002	Solids By Wt. 67.8%	Solids BY Wt. 73.3%	
ASTM D6083	Solids By Vol. 56.7%	Solids By Vol. 59.9%	
Title 24 Compliant	Elongation 560%	Elongation 480%	Elongation 70%

California

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

Florida

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

Texas

1225 Brai Drive
Port Arthur, TX 77640
Fax: 409.727.4647
Toll Free: 866.727.0091





Built On The Principles Of Quality & Integrity

FLASHING

Preliminary work consists of substrate preparation of all flashing details. All preparation work should be completed with like materials (to the existing roof system) and installed to industry standards or manufacturer's specifications as applicable. All flashing details (walls, curbs and any additional penetrations) shall be flashed with #950 Eternamastic along with #930 Polyester Fabric or #951 Eternapatch.

3. Flashing grade products shall be feathered at the edges in order for the water to flow over the various flashing details.
4. **Parapet Walls:** All parapet wall details within the roof system shall be sealed with a minimum 6 inch wide #930 Polyester Fabric embedded in #950 Eternamastic (3" on the curb and 3" on the roof).
5. **Curb Flashings:** All curb flashings shall be sealed with a minimum 12 inch wide #930 Polyester Fabric embedded in #950 Eternamastic (6" on the curb and 6" on the roof).
6. **Fasteners:** Encapsulate all fasteners using #950 Eternamastic along with #930 Polyester Fabrics. Cut around all fasteners so fabric lies flat. Do not "bridge" fasteners.
7. **Gutters:** Trowel or brush on #950 or #951 to the interior or exterior gutters incorporating 6 inches of #930 Polyester Fabric at all gutter seams. Gutter shall be completely clean and dry before applying #950 or #951.
8. **Other Penetrations:** Any penetration not defined above shall be sealed with a minimum 6 inch wide #930 Polyester Fabric embedded in #950 Eternamastic applied around the base of the penetration (extending at least 4 inches onto the vertical and 4 inches onto the base).
9. **Skylights:** Curbed skylights shall be treated similar to curb flashings. The entire perimeter shall be flashed with a minimum 6 inch wide #930 Polyester Fabrics embedded in #950 Eternamastic (3" on the curb and 3" on the roof). All exposed skylight fasteners shall be encapsulated with #950 or #951 with #930 Polyester Fabric cut around all fasteners so the fabric lies flat. Do not "bridge" the fabric.
10. Inspect Preliminary Work / Flashing Details for problem areas (e.g., gaps, cracks, fish mouths, air pockets, etc.) to ensure that work is complete and satisfactory. Make any necessary repairs using #950 or #951

APPLICATION

DO NOT DILUTE THIN OR FREEZE THE PRODUCT[S]

1. Thoroughly inspect the roof for defects such as holes & cracks
2. Holes or cracks larger than 1/8" must be repaired before coating application using #950 with 930 Poly or use #951.
3. Components of this Coating System are applied using a brush, roller, trowel, or airless spray.
4. Stir #911 Eternalastic Coating thoroughly before application to achieve a uniform consistency.
5. Apply Base Coat of #911 Eternalastic Coating at a coverage rate of 2.0 gallons per 100 sq. ft. on warm, sunny days, preferably in the morning hours to provide maximum cure time.
6. Allow a minimum of 12 hours drying time prior to any foot traffic or inspections. (Weather dependant)
7. Apply Top Coat of #911 Eternalastic Coating perpendiculars from the basecoat in a 'cross hatch' manner at a coverage rate of 2.0 gallons per 100 sq. ft.
8. Allow a minimum of 12 hours drying time before allowing any foot traffic or inspections.
9. After curing, inspect for defects and repair as necessary.

MAINTENANCE

Implement Tropical Roofing Products Care and Maintenance program in order to ensure that your roof will continue to perform to its fullest during the entire time of the warranty.

DISCLAIMER

This specification is an abbreviated form of our full product specification. Refer to the Construction Specification Institute (CSI) format of this specification for additional details.

California

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

Florida

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

Texas

1225 Brai Drive
Port Arthur, TX 77640
Fax: 409.727.4647
Toll Free: 866.727.0091

