



## CERTIFICATE OF ANALYSIS

Report for:

**Tropical Roofing Products** 

1904 S.W. 31st Avenue Hallandale, FL 33009

Attention:

George Buckhold

Product Name:	#950 Eternamastic	Manufacturer: Tropical Roofing Products	
Date Received:	August 25, 2005	Sample Lot No.: Tropical Roofing Products	
PRI Project No.:	TRA-082-02-01	Metro-Dade Notification No.: PRI05095	

Purpose:

The purpose of this project was to test Tropical Asphalt Products #950 Eternamastic for compliance with Florida Building Code-2004 (HVHZ) Testing Application Standard TAS 139-95, STANDARD REQUIREMENTS FOR WHITE ROOF PATCH SPECIFICATION.

Date: October 14, 2005

Sample Description: A factory labeled 1 gallon container of Eternamastic was received for testing by

PRI Asphalt Technoloiges on August 25, 2005.

**Test Methods:** 

Test methods within, Testing Application Standard TAS 139-95, STANDARD REQUIREMENTS FOR WHITE ROOF PATCH SPECIFICATION and including: ASTM C 834: Standard Specification for Latex Sealants, ASTM D 412: Standard Test Methods for Vulcanized Rubber and Thermoplastic Rubbers and Thermoplastic Elastomers - Tension, ASTM D 2196: Standard Test Methods for Rheological Properties of Non-Newtonian Material by Rotational (Brookfield) Viscometer, ASTM D 1475: Density of Paint, Varnish, Lacquer and Related Products, ASTM D 2824: Standard specification for Aluminum-Pigmented Asphalt Roof Coatings, ASTM D 2939: Standard Test Methods for Emulsified Bitumens Used as Protective Coatings, ASTM G 26: Standard Practice for Operating Light-Exposure Apparatus (Xenon-Arc Type) With and Without Water for Exposure of Nonmetallic Materials.

PRI Accreditations: IAS-ES TL-189; State of Florida TST 1556; Metro-Dade 03-0515.04; CRRC

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## **Results of Testing:**

Property	Test Method	Result	TAS 139 Requirement
5.0 Materials and Manufacture			
5.1 Description/Application	TAS 139	Pass	One part, water, white elast App, w/ brush or trowel
5.2 Application	TAS 139	Pass	Adhere to Clean, dry properly prepared BUR, metal, concrete, SPUF, roof flashing and wood.
5.3 Crack repair, top coat	TAS 139	Pass	<1/4", use with coating
5.4 Application Temperature, °F	TAS 139	Pass	>50
5.5 Composition			
Weight per gallon, lb	ASTM D 1475	11.0	11.0 min
Solids, % by Weight	ASTM D 2938/8	67.8	55.0 min
6.0 Performance Requirements			
Viscosity @ 73°F, cps	TAS 135, 7.2 / ASTM D 2196	>49,500	30,000 min
Elongation, %	TAS 135, 7.3	560	150 min
Tensile Strength, psi	TAS 135, 7.4	213	75 min
Accelerated Weathering	TAS 135, 7.6 / ASTM G 26	Pass	No Cracks
Firm Set, hours	TAS 135, 7.7 / ASTM D 2939, 13, 14	15	24 max
Resistance to Water, hours	TAS 135, 7.8 / ASTM D 2939 17A	Pass	24 max

## Statement of Compliance:

The sample submitted complies with the requirements of Florida Building Code – 2004 (HVHZ) Testing Application Standard TAS 139-95, **STANDARD REQUIREMENTS FOR WHITE ROOF PATCH SPECIFICATION**.

Signed:		
	Richard Range Laboratory Technician	
Date:		
Signed:	Donald C. Portfolio	Signed:Charles L. Thomas
	Vice - President	Florida Registered Professional Engineer P. E. Number: 29439
Date:		Date:
TRA-082-02-01	PRI Accreditations: IAS-ES	- TL-189; State of Florida TST 1556; Metro-Dade 03-0515.04; CRRC

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