



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: TROPICAL ROOFING PRODUCTS
1818 SW 31ST Avenue
Hallandale, FL 33009
(800) 535-6947
www.tropicalroofingproducts.com

Issued August 4, 2023

Manufacturing Plants: Hallandale, FL

Quality Assurance: PRI Construction Materials Technologies (QUA9110)

SCOPE

Category: Roofing
Subcategory: Cements -Adhesives-Coatings
Code Edition: Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ)
Code Sections: 1507.14.3, 1507.15, 1523.1.1, 1523.6.5.2.12
Properties: Physical Properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	TRA-145-02-01	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	TRA-164-02-01	ASTM D 6694	2008(2013)E1
PRI Construction Materials Technologies (TST5878)	TRA-179-02-01	ASTM D 6694	2008(2013)E1

PRODUCT DESCRIPTION

Products	Specification	Description
#923 Eterna-Sil Silicone Roof Coating	ASTM D 6694	A solvent-based, single-component, moisture cured RTV silicone roof coating
#924 Eterna-Sil Premium 100% Silicone Roof Coating	ASTM D 6694	A solvent-free, high solids, single-component, moisture cured RTV silicone roof coating

APPLICATION

The following notes shall be observed when using the application tables below:

1. All surfaces shall be repaired, clean, dry, and free of debris prior to application.
2. Roof coating may be spray, brush or roller applied.
3. Subsequent coats shall be applied at right angles to and within 24 hours of prior applications.
4. Applications are valid for new and existing roof systems.

Application of #923 Eterna-Sil Silicone Roof Covering	
Substrate (New or Existing)	Minimum Application Rate
"Aged" Hypalon Single-Ply Membranes	Primed with #995 Tropoxy 2-Part Epoxy Primer at a rate of 0.25 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
"Aged" PVC Single-Ply Membranes (not for use with new membranes)	Primed with #995 Tropoxy 2-Part Epoxy Primer at a rate of 0.25 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
"Aged" TPO Single-Ply Membranes (not for use with new membranes)	Primed with #995 Tropoxy 2-Part Epoxy Primer at a rate of 0.25 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
"Aged" TPO Single-Ply Membranes (not for use with new membranes)	Primed with #9900 Eterna-Sil TPO Primer at a rate of 1.25 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
APP Modified Bitumen Membranes - Granule-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
BUR Membranes - Granule-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
BUR Membranes - Smooth-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
Concrete	#923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
EPDM Single-Ply Membranes	Primed with rinseable #990 Eternalastic EPDM Primer at a rate of 0.20 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
Galvalume Steel Metal Panels	Primed with #960 Eternalastic Acrylic Metal Primer at a rate of 1.0 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
Galvanized Steel Metal Panels	#923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
Galvanized Steel Metal Panels	Primed with #960 Eternalastic Acrylic Metal Primer at a rate of 1.0 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²
SBS Modified Bitumen Membranes - Granule-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²



Application of #923 Eterna-Sil Silicone Roof Covering	
Substrate (New or Existing)	Minimum Application Rate
SBS Modified Bitumen Membranes - Smooth-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #923 Eterna-Sil Silicone Roof Coating at rate of 1.9 gal/100ft ²

Application of #924 Eterna-Sil Premium 100% Silicone Roof Covering	
Substrate (New or Existing)	Minimum Application Rate
"Aged" EPDM Single-Ply Membranes (not for use with new membranes)	Primed with rinseable #990 Eterna-Sil EPDM Primer at a rate of 0.20 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
"Aged" PVC Single-Ply Membranes (not for use with new membranes)	#924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
"Aged" PVC Single-Ply Membranes (not for use with new membranes)	Primed with rinseable #990 Eterna-Sil EPDM Primer at a rate of 0.20 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
"Aged" PVC Single-Ply Membranes (not for use with new membranes)	Primed with #995 Tropoxy 2-Part Epoxy Primer at a rate of 0.25 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
"Aged" TPO Single-Ply Membranes (not for use with new membranes)	Primed with #995 Tropoxy 2-Part Epoxy Primer at a rate of 0.25 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
"Aged" TPO Single-Ply Membranes (not for use with new membranes)	Primed with #9900 Eterna-Sil TPO Primer at a rate of 1.25 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.9 gal/100ft ²
APP Modified Bitumen Membranes - Granule-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
APP Modified Bitumen Membranes - Smooth-surfaced	Primed with #995 Tropoxy 2-Part Epoxy Primer at a rate of 0.25 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
BUR Membranes - Granule-surfaced	#924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
BUR Membranes - Granule-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
Galvanized Steel Metal Panels	#924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
Hypalon Single-Ply Membranes	Primed with #995 Tropoxy 2-Part Epoxy Primer at a rate of 0.25 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
SBS Modified Bitumen Membranes - Granule-surfaced	#924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
SBS Modified Bitumen Membranes - Granule-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²

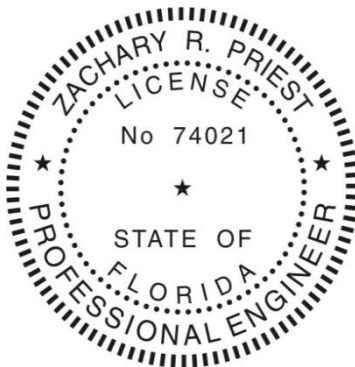
Application of #924 Eterna-Sil Premium 100% Silicone Roof Covering	
Substrate (New or Existing)	Minimum Application Rate
SBS Modified Bitumen Membranes - Smooth-surfaced	Primed with #996 Eterna-Sil Premium Bleed Blocker at a rate of 1.0 gal/100 ft ² followed by #924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²
Spray Polyurethane Foam Roofs	#924 Eterna-Sil Premium 100% Silicone Roof Coating at rate of 1.25 gal/100ft ²

LIMITATIONS

1. Fire classification is not within the scope of this evaluation.
2. Structural integrity of the roofing substrate or assembly is not within scope of this evaluation. Refer to the appropriate product approval for installation of these components within an *Approved* roof assembly.
3. Installation of the evaluated products shall be in strict compliance with this evaluation report, the FBC, and the manufacturer's published installation instructions. In the event of conflict, the more restrictive and FBC compliant installation shall be enforced.
4. This product shall not be applied in inclement weather conditions.
5. This product shall not be applied over asphaltic shingles, metal shingles, fiber-cement shingles, quarry slate, cement or clay roofing tile, or wood shingles or shakes.
6. This product may be used as described in other current FBC product approval documents.
7. Refer to manufacturer's published instructions for proper storage and shelf life considerations.
8. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest have demonstrated compliance with the Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ) as evidenced in the referenced documents submitted by the named manufacturer.



This item has been digitally signed and sealed by Zachary R. Priest, PE, on 8/4/2023.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



Digitally signed by Zachary R. Priest

2023.08.04
 10:21:21
 -04'00'

Zachary R. Priest, P.E.
 Florida Registration No. 74021
 Organization No. ANE9641

CERTIFICATION OF INDEPENDENCE

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

END OF REPORT