



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: TREMCO CPG INC.
3735 Green Road
Beachwood, OH 44122

Issued May 1, 2024

Manufacturing Plants: Bartow, FL
Kingman, AZ

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: 1507.10.2, 1507.15.2, 1523.6.5.2.12
Properties: Material Standards

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	447T0028	ASTM D 6694	2008(2013)e1
PRI Construction Materials Technologies (TST5878)	447T0033	ASTM D 6694	2008(2013)e1
PRI Construction Materials Technologies (TST5878)	447T0034	ASTM D 6694	2008(2013)e1
PRI Construction Materials Technologies (TST5878)	447T0038	ASTM D 6694	2008(2013)e1
PRI Construction Materials Technologies (TST5878)	447T0039	ASTM D 6694	2008(2013)e1
PRI Construction Materials Technologies (TST5878)	447T0040	ASTM D 6694	2008(2013)e1

PRODUCT DESCRIPTION

Products	Specification	Description
AlphaGuard Si 100	ASTM D 6694	Single component, solvent-free, moisture curing silicone roof coating. Available in white, tan, or gray colors.

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. Applications are valid for new and existing roof systems.
4. This product shall not be applied in inclement weather conditions.
5. This product may be used may be used as described in other current FBC product approval documents.
6. Refer to manufacturer's published instructions for proper storage and shelf life considerations.
7. All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

APPLICATION

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

1. Substrate, insulation and all surfaces must be sound, dry, clean and free of oil, grease, rust, dirt, excess mortar, frost, laitance, loose and flaking particles or contaminants.
2. Substrate shall be cleaned prior to application in accordance with the manufacturer's instructions.
3. Coatings shall not be applied over shingles, coal tar substrates, gravel covered roofs, cold storage or cryogenic structures, and Kynar® or Hylar® coated metal roofs.
4. The bare metal thickness of metal roofs shall be minimum 0.015-inch.
5. Subsequent coats shall be applied after the previous coat is fully cured. Subsequent coats shall be applied perpendicular to the previous coat.
6. Applications are valid for new and existing roof systems.

Application of AlphaGuard Si 100	
Substrate (New or Existing)	Minimum Application Rate
Spray Polyurethane Foam (SPF) Roofing	Applied in two coats with the base coat at a rate of 2.0 gal/100ft ² and the top coat at a rate of 1.5 gal/100ft ² OR Applied in a single coat at a rate of 1.5 gal/100ft ²
Aluminum Metal Roofing	Applied in two coats with the base coat at a rate of 1.0 gal/100ft ² and the top coat at a rate of 1.5 gal/100ft ² OR Applied in a single coat at a rate of 1.5 gal/100ft ²
Galvanized Steel Metal Roofing	Applied in two coats with the base coat at a rate of 1.0 gal/100ft ² and the top coat at a rate of 1.5 gal/100ft ² OR Applied in a single coat at a rate of 1.5 gal/100ft ²
EPDM Single-Ply Roofing	Applied in two coats with the base coat at a rate of 1.0 gal/100ft ² and the top coat at a rate of 1.5 gal/100ft ² OR Applied in a single coat at a rate of 1.5 gal/100ft ²



COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. 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 5/1/2024.

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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