



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: PROTECTO WRAP COMPANY
1955 S. Cherokee Street
Denver, CO 80223
(800) 759-9727
www.protectowrap.com

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Manufacturing Location: Denver, CO

Quality Assurance: PRI Construction Materials Technologies (QUA9110)

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Edition: Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ)
Code Sections: 1507.1.1, 1518.2
Properties: Physical properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	709T0036	ASTM D 1970	2017a
PRI Construction Materials Technologies (TST5878)	709T0037.2	ASTM D 1970	2017a
PRI Construction Materials Technologies (TST5878)	709T0044	ASTM D 1970	2017a
		TAS 103	2020
		TAS 110	2000
PRI Construction Materials Technologies (TST5878)	709T0045	ASTM D 1970	2017a
		TAS 103	2020
		TAS 110	2000

PRODUCT DESCRIPTION AND LIMITS OF USE

Rainproof-40™ Rainproof-40 is a nominal 40-mil thick ASTM D 1970 self-adhered underlayment constructed of a SBS polymer modified asphalt sheet reinforced with a non-woven polyester fabric and topped with a white, reflective fabric. The product is supplied in 2 sq. rolls with nominal dimensions of 36-in x 67-ft.

Exposure on the roof deck shall be limited to a maximum 30 days.

Jiffy Seal® Ice and Water Guard HT™ Jiffy Seal Ice and Water Guard HT is a nominal 40-mil thick ASTM D 1970 self-adhered underlayment constructed of a proprietary tri-layer, woven polypropylene fabric coated on one side with a blend of butyl and rubberized asphalt adhesive. The product is supplied in rolls with nominal dimensions of 36-in x 66-ft and 36-in x 75-ft.

Exposure on the roof deck shall be limited to a maximum 30 days.

PRODUCT APPLICATION

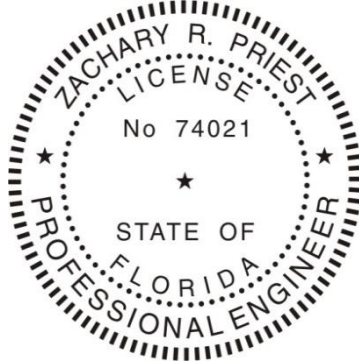
- Min. Roof Slope: 2:12 or in accordance with the FBC
- Roof Deck: Plywood decks shall be in accordance with the FBC requirements.
- Application: *All underlayments shall be installed in accordance with the FBC and the manufacturer's installation requirements.*
- Roof deck substrate shall be clean, dry, and free from any irregularities and debris. All fasteners in the substrate shall be checked for protrusion and corrected prior to underlayment application. Prior to beginning installation, the underlayment shall be unrolled and allowed to relax for a minimum of 3-5 minutes.*
- The underlayment shall be installed with the release backer removed and pressed firmly into place to ensure complete contact with the deck. The underlayment shall be installed with the roll length parallel to the eave, starting at the eave, and with minimum 3" side laps and minimum 6" end laps staggered min. 6-ft. from preceding course.
- It is permissible to back nail the underlayment 12-inches on-center as needed (nails shall be installed perpendicular to deck with the nail heads flush to the top surface of the underlayment).
- Min. Application Temperature: 40°F and rising; *Contact the manufacturer when installing at temperatures below the minimum application temperature.*
- Roof Coverings: Underlayments are permitted to be used with mechanically attached roof coverings as prescribed in FBC Section 1507.1.1.1 in the non-HVHZ and Section 1518.2.1 in the HVHZ.

GENERAL LIMITATIONS

- 1) Fire Classification is not within the scope of this evaluation.
- 2) Installation of the evaluated product shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
- 3) The space under the deck area shall be properly ventilated in accordance with the FBC requirements.
- 4) All headlaps shall be installed to shed water from the deck.
- 5) The underlayment may be used as described in other current FBC product approval documents.
- 6) The roof deck shall be designed by others in accordance with FBC requirements to resist the design wind load pressures for components and cladding.
- 7) 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, 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 1/17/2024.

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
CREEK Technical Services, LLC

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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