



EVALUATION REPORT

FLORIDA BUILDING CODE 7TH EDITION (2020)

Manufacturer: OWENS CORNING ROOFING AND ASPHALT LLC *Issued October 20, 2020*
 1 Owens Corning Parkway
 Toledo, OH 43657
 (800) 438-7465
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Manufacturing Locations: Silvassa, India
 Novia, China

Quality Assurance: Intertek Testing Services NA, Inc. (QUA1673)

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Edition: Florida Building Code, 7th Edition (2020) including High-Velocity Hurricane Zones (HVHZ)
Code Sections: 1507.1.1, 1518.4
Properties: Physical properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	OCR-392-02-02	ASTM D 226	2009
		ASTM D 1970	2015a
		TAS 110	2000
		ASTM D 4798 / D 4798M	2011
PRI Construction Materials Technologies (TST5878)	OCR-394-02-02	ASTM D 226	2009
		ASTM D 1970	2015a
		TAS 110	2000
		ASTM D 4798 / D 4798M	2011
PRI Construction Materials Technologies (TST5878)	OCR-396-02-02	ASTM D 226	2009
		ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	OCR-397-02-02	ASTM D 226	2009
		ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	OCR-398-02-02	ASTM D 226	2009
		ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	1378T0109	ASTM D 4533	2015
		ASTM D 5035	2011(2019)
		ASTM D 751	2019

PRODUCT DESCRIPTION

RhinoRoof U20
 (Silvassa, India)

A mechanically attached, multilayered polymer woven coated synthetic roof underlayment (nominal weight = 2.35 lb./100ft²). The underlayment shall be used an alternative to ASTM D 226, Type I or Type II roofing underlayments and has demonstrated a minimum tear strength per ASTM D 4533 of 15 pounds, a minimum tensile strength per ASTM D 5035 of 20 pounds/inch, and meets liquid water transmission test of Section 8.6 of ASTM D 4869. The product is supplied in 10-sq rolls with nominal dimensions of 42-in. x 286-ft. The product has demonstrated resistance to weathering for an equivalent of 60 days in accordance with TAS 110.



APPLICATION INSTRUCTIONS

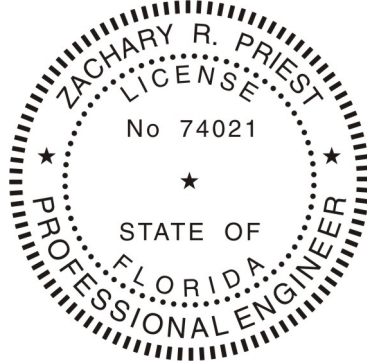
Deck Type:	The roof deck shall be constructed of closely fitted, solid sheathing for new or existing construction. New construction in the HVHZ shall be min. 19/32 in. plywood. Sheathing shall be installed in accordance with FBC requirements. Roof decks shall have no more than 1/8" gap at abutting joints.
Attachment method	Underlayment shall be installed with a minimum 4-inch head lap and minimum 6-inch end lap and be fastened as specified in FBC Section 1518.2.
Allowable roof coverings:	Mechanically attached asphalt shingles, composite shingles, metal roof panels and shingles, or wood shakes and shingles

LIMITATIONS

- 1) This report is only for use in the HVHZ.
- 2) Fire Classification is not within the scope of this evaluation.
- 3) Wind uplift resistance is not within the scope of this evaluation.
- 4) 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.
- 5) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion and corrected prior to underlayment application.
- 6) Roof slope limitations shall be in accordance with FBC requirements.
- 7) All underlayments shall be installed with the roll length parallel to the eave, starting at the eave, and lapped in success courses installed up the deck in a manner that effectively sheds water from the deck. End laps shall be staggered between courses in accordance with the manufacturer's application instructions.
- 8) The underlayment may be used as described in other current FBC product approval documents.
- 9) Roof coverings shall not be adhered directly to the underlayment. Roof coverings shall be mechanically fastened through the underlayment to the roof deck.
- 10) The underlayment shall be exposed on the roof deck for a maximum 30 days unless otherwise stated.
- 11) 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 7th Edition (2020) including High-Velocity Hurricane Zones (HVHZ) as evidenced in the referenced documents submitted by the named manufacturer.



Zachary R. Priest, P.E.
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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