



## EVALUATION REPORT

## FLORIDA BUILDING CODE 8<sup>TH</sup> EDITION (2023)

**Manufacturer:** OWENS CORNING ROOFING AND ASPHALT LLC *Issued October 11, 2023*  
1 Owens Corning Parkway  
Toledo, OH 43657  
(800) 438-7465  
[www.owenscorning.com](http://www.owenscorning.com)

**Manufacturing Locations:** Silvassa, India

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

### SCOPE

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

### PRODUCT DESCRIPTION

**RhinoRoof U20** A mechanically attached, multilayered polymer woven coated roof underlayment (nominal weight = 2.35 lb./100ft<sup>2</sup>). 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 30 days in accordance with TAS 110.

**Titanium UDL25** A mechanically attached, roof underlayment comprised of a woven core coated on one side with a polymer coating (nominal weight = 2.5 lb./100ft<sup>2</sup>). The product is supplied in 10-sq rolls with nominal dimensions of 48-in. x 250-ft. The product shall be limited to a maximum 180 days exposure in accordance with TAS 110.

**Titanium UDL30** A mechanically attached, roof underlayment comprised of a woven core coated on one side with a polymer coating (nominal weight = 4.0 lb./100ft<sup>2</sup>). The product is supplied in 10-sq rolls with nominal dimensions of 48-in. x 250-ft. The product shall be limited to a maximum 180 days exposure in accordance with TAS 110.

**Titanium UDL50** A mechanically attached, roof underlayment comprised of a woven core coated on one side with a polymer coating (nominal weight = 4.7 lb./100ft<sup>2</sup>). The product is supplied in 10-sq rolls with nominal dimensions of 48-in. x 250-ft. The product shall be limited to a maximum 180 days exposure in accordance with TAS 110.

### APPLICATION INSTRUCTIONS

**Deck Type:** The roof deck shall be installed in accordance with FBC requirements.

**Attachment method** Underlayment shall be installed with a minimum in accordance with FBC Section 1507.1.1 for the non-HVHZ, FBC Section 1518.2 for the HVHZ and the manufacturer's installation instructions.

**Allowable roof coverings:** Permitted to be used with mechanically fastened roof coverings as prescribed in FBC Section 1507.1.1 for the non-HVHZ and FBC Section 1518.2 for the HVHZ.

**REFERENCES**

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	1378T0138	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	1378T0253	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	1378T0315	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	1378T0324	ASTM D 8257	2020

**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 8<sup>th</sup> 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 10/11/2023.**

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electronic copies.**

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**