



EVALUATION REPORT

FLORIDA BUILDING CODE, 7TH EDITION (2020)

Manufacturer: BEACON SALES ACQUISITIONS, INC. *Issued October 14, 2020*
 c/o OWENS CORNING ROOFING AND ASPHALT
 LLC
 1 Owens Corning Parkway
 Toledo, OH 43657
 (800) 438-7465
www.owenscorning.com

Manufacturing Location: Houston, TX
 Brentwood, NH

Quality Assurance: PRI Construction Materials Technologies, LLC (QUA9110)

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Sections: 1507.1.1, 1507.1.1.1
Properties: Physical properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST6049)	OCF-294-02-01	ICC-ES AC 188 ¹	2012
PRI Construction Materials Technologies (TST6049)	OCF-338-02-01	ICC-ES AC 48	2012
		ASTM D 1970	2015a

¹Determined to be equivalent to ASTM D 226-09, Type II

PRODUCT DESCRIPTION

TRI-BUILT Granular Underlayment A self-adhered underlayment used as an alternative to ASTM D 226, Type II roofing felt. The underlayment is composed of SBS modified asphalt with a fiberglass mat internal reinforcement and is surfaced with granules. The product is supplied with a nominal thickness of 50 mils in 1.95-sq rolls with nominal dimensions of 3-ft x 65-ft. See manufacturer's installation instructions for further detail.



APPLICATION

Roof Deck: The roof deck shall be constructed of closely fitted plywood sheathing for new or existing construction. Deck shall be installed in accordance with FBC requirements. Roof decks shall have no more than 1/8" gap at abutting joints.

Min. slope: 2:12 or in accordance in with FBC

Application: *Prior to beginning installation, the underlayment shall be unrolled and allowed to relax for a minimum of 3-5 minutes. The underlayment installation shall comply with FBC Table 1507.1.1.1.*

The underlayment shall be installed with the roll length parallel to the eave, starting at the eave fold the underlayment away from eave onto itself. The underlayment shall be installed direct-to-decking with the lower release backer removed and pressed firmly into place to ensure complete contact with the deck. Repeat with upper release backer. Overlap successive courses with minimum 3" side laps and minimum 6" staggered end laps.

In steep-slope applications (>6:12), it is permissible to 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).

For valley applications, the roll shall be applied centered along the valley prior to installing the underlayment at the eave and overlapped a minimum of 6-inches. For eave protection, the underlayment should extend to a point 18-inches beyond the interior wall.

Min. Application Temperature: 40°F; *Contact the manufacturer when installing at temperatures below the minimum application temperature.*

Allowable roof coverings: Mechanical attachment of asphalt shingles and slate shingles shall be permitted in accordance with the FBC.

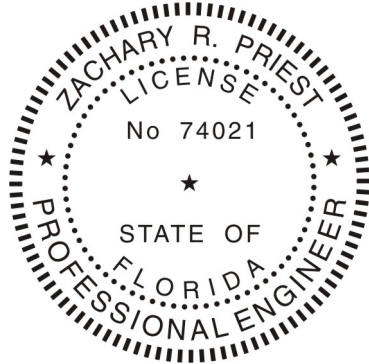


LIMITATIONS

- 1) This evaluation report is not for use in the HVHZ.
- 2) Fire Classification is not within the scope of this evaluation.
- 3) Wind uplift resistance is not within 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) The underlayment may be used as described in other current FBC product approval documents.
- 7) Roof coverings shall not be adhered directly to the underlayment. Roof coverings shall be mechanically fastened through the underlayment to the roof deck.
- 8) The underlayment shall not be installed over existing roof coverings.
- 9) The underlayment shall be installed starting at the eave in horizontal layers such that the laps shed water from the deck. The first layer shall cover the entire bottom edge of the deck. End laps shall be staggered a minimum of 24-inches from the preceding course.
- 10) The underlayment shall be exposed on the roof deck for a maximum duration of 30 days.
- 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) as evidenced in the referenced documents submitted by the named manufacturer.



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