CREEK
TECHNICAL SERVICES, LLC

Registry No. 29824
(813) 480-3421

EVALUATION REPORT

FLORIDA BUILDING CODE 8TH EDITION (2023)

Manufacturer: BEACON SALES ACQUISITIONS, INC.
c/o OWENS CORNING ROOFING AND ASPHALT LLC
1 Owens Corning Parkway
Toledo, OH 43657
(800) 438-7465

Issued August 28, 2024

Quality Assurance: PRI Construction Materials Technologies, LLC (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

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	1378T0273	ASTM D 8257	2020

PRODUCT DESCRIPTION

Beacon Tri-Built Eco A mechanically attached, multilayered polymer woven coated roof underlayment (nominal weight = 1.90 lb./100ft^2). 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 90 days in accordance with TAS 110.

APPLICATION

Unless otherwise noted, the following application details shall be followed for New and Existing construction.
See manufacturer's installation instructions for further detail.

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.

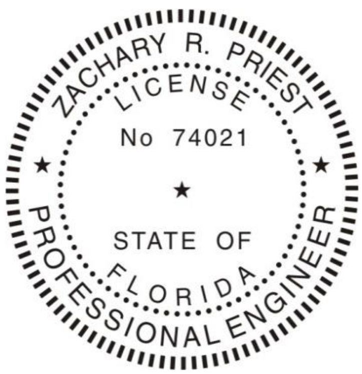
Allowable roof coverings: Permitted to be used with mechanically fastened roof coverings as prescribed in FBC Section 1507.1.1 for the non-HVHZ and FBC Section 1518.2 for the HVHZ.

LIMITATIONS

1) Fire Classification is not within the scope of this evaluation.
2) Wind uplift resistance in not within scope of this evaluation.
3) 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.
4) 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.
5) Roof slope limitations shall be in accordance with FBC requirements.
6) 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.
7) The underlayment may be used as described in other current FBC product approval documents.
8) Roof coverings shall not be adhered directly to the underlayment. Roof coverings shall be mechanically fastened through the underlayment to the roof deck.
9) The underlayment shall not be installed over existing roof coverings.
10) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

COMPLIANCE STATEMENT

This report has been prepared in accordance with F.A.C. Rule 61G20-3.



This item has been digitally signed and sealed by Zachary R. Priest, PE, on 8/28/2024.

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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