



EVALUATION REPORT

FLORIDA BUILDING CODE, 6TH EDITION (2017)

Manufacturer: TRI-BUILT Materials Group *Issued February 12, 2018*
 9050 Louisiana Street
 Merrillville, IN 46410
 (800) 516-1485
www.tribuiltmaterialsgroup.com

Manufacturing Locations: Hangzhou, China

Quality Assurance: PRI Construction Materials Technologies (QUA9110)

SCOPE

Category: Roofing
Subcategory: Underlayments
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)	GGI-176-02-01.3	ASTM D 226	2009
		ASTM D 1970	2015a

PRODUCT DESCRIPTION

TRI-BUILT® Synthetic Hybrid Roof Underlayment A mechanically attached, synthetic underlayment used as an alternative to ASTM D 226, Type I and Type II roofing underlayments. The roll is available in 37.25-inch wide x 145-ft long format and weighs approximately 40 lbs with a minimum tear strength per ASTM D 4533 of 20 pounds.

LIMITATIONS

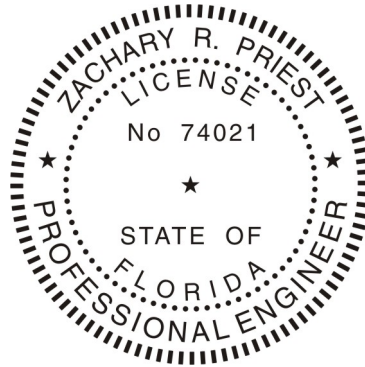
- 1) Fire Classification is not within the scope of this evaluation.
- 2) Wind uplift resistance is not within the scope of this evaluation.
- 3) Installation of the evaluated product shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies 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) Contact the manufacturer when installing at temperatures below the minimum application temperature.
- 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 be exposed on the roof deck for a maximum 30 days unless otherwise stated.
- 10) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

APPLICATION INSTRUCTIONS

- Deck Type: The roof deck shall be constructed of closely fitted, solid sheathing for new or existing construction. Sheathing shall be installed in accordance with FBC requirements. New construction in the HVHZ shall be minimum 19/32-inch plywood. Roof decks shall have no more than 1/8" gap at abutting joints.
- Attachment method (Non-HVHZ): Underlayment shall be attached in accordance with the FBC Table 1507.1.1 and manufacturer's installation instructions.
- Attachment method (HVHZ): 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 (Non-HVHZ): Mechanically attached roof systems as prescribed in FBC Section 1507.1.1.
- Allowable roof coverings (HVHZ): Mechanically attached asphalt shingles, composite shingles, metal roof panels and shingles, or wood shakes and shingles

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 6th Edition (2017) 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