



EVALUATION REPORT

FLORIDA BUILDING CODE 8TH EDITION (2023)

Manufacturer: ALPHA PROTECH ENGINEERED PRODUCTS, INC. *Issued August 15, 2023*
 301 South Blanchard Street
 Valdosta, GA 31601
 (229) 242-1931
<http://www.alphaprotech.com>

Manufacturing Locations: Valdosta, GA

Quality Assurance: RADCO, Inc. (QUA1990)

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)	20T0009	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	20T0010	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	20T0011	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	20T0012	ASTM D 8257	2020
PRI Construction Materials Technologies (TST5878)	20T0013	ASTM D 8257	2020

PRODUCT DESCRIPTION

REX™ SynFelt A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.56 lb/100ft²).

TECHNOply A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.05 lb/100ft²).

TECHNO SB 25 A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.0 lb/100ft²).

TECHNO SB 50 A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.05 lb/100ft²).

TECHNO SB Ultra A mechanically attached, woven polypropylene, ASTM D 8257 underlayment (nominal weight = 2.6 lb/100ft²).

APPLICATION INSTRUCTIONS

Deck Type: In accordance with FBC requirements.

Attachment method: Underlayment shall be attached 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 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) 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 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.

COMPLIANCE STATEMENT

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code 8th 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 8/15/2023.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any 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