



EVALUATION REPORT

FLORIDA BUILDING CODE, 7TH EDITION (2020)

Manufacturer: MULE-HIDE PRODUCTS CO., INC.
1195 Prince Hall Drive
Beloit, WI 53511
(608) 365-3111
www.mulehide.com

Issued August 26, 2020

Manufacturing Plants: Tuscaloosa, AL

Quality Assurance: UL LLC (QUA9625)

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Edition: Florida Building Code, 7th Edition (2020) including High-Velocity Hurricane Zones (HVHZ)
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 (TST6049)	MSA-013-02-01	ASTM D 226 ASTM D 6757	2009 2016

PRODUCT DESCRIPTION AND APPLICATION

F1TM Hybrid Felt F1TM Hybrid Felt is an ASTM D 6757 and ASTM D 226, Type II saturated organic felt underlayment with woven glass fiber reinforcement.

Deck Type: In accordance with FBC requirements; New construction in the HVHZ shall be in. 19/32 in. plywood

Attachment for 2:12 to 4:12: Mechanically fasten to deck in accordance with Manufacturer's published application instructions and FBC requirements; Min. 19 in. head lap.

Attachment > 4:12: Mechanically fasten to deck in accordance with Manufacturer's published application instructions and FBC requirements; Min. 4 in. head lap.

Allowable Roof Coverings:

Asphalt Shingles	Metal Roof Panels and Shingles	Mineral-Surfaced Roll Roofing	Wood Shingles and Shakes	Slate Shingle	Composite Shingles, Shake, and Slates	Clay and Concrete Tile	Photovoltaic Shingles
Y	Y	Y	Y ¹	Y	Y	N	Y

Notes: 1) Not permitted to be used with wood shakes

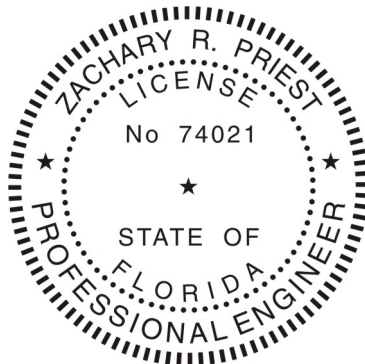


LIMITATIONS

- 1) Fire Classification is not within the scope of this evaluation.
- 2) Wind uplift resistance is 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) Underlayments 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, 7th Edition (2020) including High-Velocity Hurricane Zones (HVHZ) as evidenced in the referenced documents submitted by the named manufacturer.




Digitally signed by Zachary R. Priest
CREEK Technical Services, LLC

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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