CREEK
TECHNICAL SERVICES, LLC

Certificate of Authorization No. 29824
17520 Edinburgh Dr
Tampa, FL 33647
(813) 480-3421

EVALUATION REPORT

FLORIDA BUILDING CODE, 7TH EDITION (2020)

Issued September 24, 2020

Manufacturer: MID-STATES ASPHALT AND CANT STRIP, INC.
1637 51st Street
Tuscaloosa, AL 35401
(800) 489-2391
http://www.midstatesasphalt.com

Manufacturing Plants: Nashik, India
Quigdao, China
Truro, Nova Scotia, Canada

Quality Assurance: UL LLC (QUA9625)

SCOPE

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

REFERENCES

Entity	Report No.	Standard	Year
PRI Construction Materials Technologies (TST5878)	RTX-002-02-01	ICC-ES AC 188	2012
PRI Construction Materials Technologies (TST5878)	MSA-038-02-01	ASTM D 4533	2015
PRI Construction Materials Technologies (TST5878)	MSA-050-02-01	ASTM D 226	2009
		ASTM D 4869	2016
		ASTM D 4533	2015
PRI Construction Materials Technologies (TST5878)	MSA-059-02-01	ASTM D 226	2009
		ASTM D 4869	2016
		ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	1085T0012	ASTM D 4533	2015
		ASTM D 5035	2011(2019)

PRODUCT DESCRIPTION

MSA Quik-Felt

MSA Quick-Felt is a woven polypropylene mechanically attached underlayment for use in steep slope roofing as an alternative to ASTM D 226, Type II with a with a weight of 24lbs per roll, a minimum tear strength per ASTM D 4533 of 15 pounds, a minimum tensile strength per ASTM D 5035 of 20 pounds/inch, and meets liquid water transmission test of Section 8.6 of ASTM D 4869.

MSA Quik-Felt Ultra-Defense

MSA Quick-Felt Ultra-Defense is a breathable, synthetic, mechanically attached underlayment for use in steep slope roofing as an alternative to ASTM D 226, Type I with a weight of 10lbs per roll, a with a minimum tear strength per ASTM D 4533 of 15 pounds, a minimum tensile strength per ASTM D 5035 of 20 pounds/inch, and meets liquid water transmission test of Section 8.6 of ASTM D 4869.

MSA Quik-Felt Deck-Guard

MSA Quick-Felt Deck-Guard is a woven polypropylene mechanically attached underlayment for use in steep slope roofing as an alternative to ASTM D 226, Type II with a weight of 17lbs per roll, a minimum tear strength per ASTM D 4533 of 15 pounds, a minimum tensile strength per ASTM D 5035 of 20 pounds/inch, and meets liquid water transmission test of Section 8.6 of ASTM D 4869.

APPLICATION

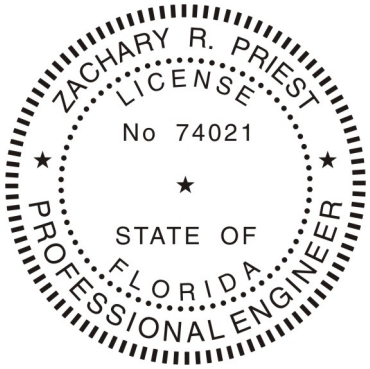
Deck Type:	The roof deck shall be constructed of closely fitted plywood sheathing for new or existing construction. Plywood deck shall be installed in accordance with FBC requirements. Roof decks shall have no more than 1/8" gap at abutting joints.
Attachment method:	Underlayment shall be attached in accordance with the FBC Section 1507.1.1, Table 1507.1.1.1 and the manufacturer's installation instructions. The underlayment is installed starting at the eave, with the length of the roll parallel to the eave with the printed side facing up. All side laps shall be installed to shed water from the deck.
Allowable roof coverings:	Permitted to be used as prescribed in FBC Table 1507.1.1.1 with mechanically fastened roof coverings.

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 in 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) Roof slope limitations shall be in accordance with FBC requirements.
7) 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.
8) The underlayment may be used as described in other current FBC product approval documents.
9) Roof coverings shall not be adhered directly to the underlayment. Roof coverings shall be mechanically fastened through the underlayment to the roof deck.
10) The underlayment shall be exposed on the roof deck for a maximum 30 days unless otherwise stated.
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.



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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