



EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

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

Manufacturing Plants: Tuscaloosa, AL
Griffin, GA

Quality Assurance: UL LLC (QUA9625)

Issued April 2, 2024

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Edition: Florida Building Code, 8th Edition (2023) including High-Velocity Hurricane Zones (HVHZ)
Code Sections: 1507.1.1, 1507.2.9.2, 1507.6.5, 1507.10.2, 1518.2
Properties: Physical properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies (TST5878)	BWR-539-02-01	ASTM D 3909	2014
PRI Construction Materials Technologies (TST5878)	MSA-009-02-01	ASTM D 6757	2018
PRI Construction Materials Technologies (TST5878)	MSA-039-02-04	ASTM D 226	2017
PRI Construction Materials Technologies (TST5878)	MSA-055-02-01	ASTM D 4869	2016a
PRI Construction Materials Technologies (TST5878)	WII-008-02-03	ASTM D 226	2017
PRI Construction Materials Technologies (TST5878)	1085T0008	ASTM D 3909	2014
PRI Construction Materials Technologies (TST5878)	1085T0032.1	ASTM D 4869	2016a
PRI Construction Materials Technologies (TST5878)	1085T0033	ASTM D 226	2017
PRI Construction Materials Technologies (TST5878)	1085T0041	ASTM D 4869	2016a
PRI Construction Materials Technologies (TST5878)	1085T0042	ASTM D 226	2017



PRODUCT DESCRIPTION

- MSA MSR** MSA MSR is an ASTM D 3909 asphalt roll roofing product surfaced with mineral granules for use as a valley liner in asphalt shingle roof systems.
(*Tuscaloosa*)
- MSA ASTM D 226 #30** MSA ASTM D 226 #30 is an ASTM D 226, Type II asphalt saturated organic felt underlayment.
(*Tuscaloosa & Griffin*)
- TRI-BUILT ASTM D 226 Type II #30** TRI-BUILT ASTM D 226 Type II #30 is an ASTM D 226, Type II asphalt saturated organic felt underlayment.
(*Tuscaloosa & Griffin*)
- MSA Z-Felt 15** MSA Z-Felt 15 is an ASTM D 4869, Type I asphalt saturated organic felt underlayment
(*Tuscaloosa & Griffin*)
- TRI-BUILT ASTM 4869 Type I Z15** TRI-BUILT ASTM 4869 Type I Z15 is an ASTM D 4869, Type I asphalt saturated organic felt underlayment
(*Tuscaloosa & Griffin*)
- MSA Z-Felt 30** MSA Z-Felt 30 is an ASTM D 4869, Type II asphalt saturated organic felt underlayment
(*Griffin*)
- TRI-BUILT ASTM 4869 Type II Z30** TRI-BUILT ASTM 4869 Type II Z30 is an ASTM D 4869, Type II asphalt saturated organic felt underlayment
(*Griffin*)
- MSA The Grid** MSA The Grid is an ASTM D 6757 saturated felt underlayment with woven glass fiber reinforcement.
(*Tuscaloosa*)

APPLICATION

- Deck Type:** In accordance with FBC requirements.
- Attachment method:** Underlayment shall be attached in accordance with FBC Sections 1507.1.1 and 1507.2.9.2 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 Sections 1507.1.1 and 1507.2.9.2 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 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, 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 4/2/2024.**

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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