



EVALUATION REPORT

FLORIDA BUILDING CODE, 7TH EDITION (2020)

Manufacturer: CertainTeed LLC
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 Malvern, PA 19355
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Quality Assurance: Keystone Certifications, Inc. (QUA1824)

SCOPE

Category: Roofing
Subcategory: Underlayments
Code Edition: Florida Building Code, 7th Edition (2020) including High-Velocity Hurricane Zones (HVHZ)
Code Sections: 1507.1.1, 1523.1.1
Properties: Physical properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Nemo etc. LLC (South Carolina) (TST6049)	4j-CTR-19-SSUDL-03.A	ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	1047T0001	ASTM D 1970	2015a

PRODUCT DESCRIPTION AND LIMITS OF USE

WinterGuard® Metal WinterGuard® Metal is an ASTM D 1970 self-adhering underlayment constructed of non-woven fiberglass mat with a SBS polymer modified asphalt top coating and a non-abrasive UV stable, anti-skid polymer film. The product is supplied in rolls having nominal dimensions of 39-3/8 in. x 61 ft.

Exposure on the roof deck shall be limited to a maximum 30 days.

DryRoof® SA DryRoof® SA is an ASTM D 1970 self-adhering underlayment constructed of tough reinforcement that is impregnated and coated with a SBS polymer modified asphalt. DryRoof® SA has a top surface consisting of mineral matter. The product is supplied in rolls having nominal dimensions of 36 in. x 65 ft.

Exposure on the roof deck shall be limited to a maximum 30 days.



PRODUCT APPLICATION

Min. Roof Slope: 2:12 in accordance with the FBC

Roof Deck: Plywood decks shall be in accordance with the FBC requirements. Roof decks shall have no more than 1/8" gap at abutting joints.

Application: *All underlayments shall be installed in accordance with the FBC and the manufacturer's installation requirements.*

Substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the substrate shall be checked for protrusion and corrected prior to underlayment application. Prior to beginning installation, the underlayment shall be unrolled and allowed to relax for a minimum of 3-5 minutes.

Underlayment shall be installed in accordance with FBC Table 1507.1.1.1 with the release backer removed and pressed firmly into place to ensure complete contact with the substrate. The underlayment shall be installed with the roll length parallel to the eave, starting at the eave, and with 4" headlaps and minimum 6" end laps staggered min. 6-ft. from preceding course.

In the HVHZ, the underlayment shall be installed over one of more plies of ASTM D 226 Type II or ASTM D 2626 organic felt with minimum 4" headlaps and minimum 6" endlaps in accordance with FBC Section 1518.3.

It is permissible to backnail the underlayments 12-inches o.c. within the headlaps (nails shall be installed perpendicular to deck with the nail heads flush to the top surface of the underlayment).

Min. Application Temperature: 50°F; *Contact the manufacturer when installing at temperatures below the minimum application temperature.*

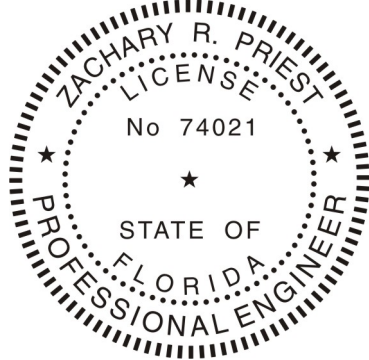
Roof Coverings: Permitted to be used with mechanically fastened metal roofing, slate shingles, asphalt shingles, photovoltaic shingles, and composite plastic shingles in accordance with the FBC.

GENERAL LIMITATIONS

- 1) Fire Classification is not within the scope of this evaluation.
- 2) 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.
- 3) The space under the deck area shall be properly ventilated in accordance with the FBC requirements.
- 4) All headlaps shall be installed to shed water from the deck.
- 5) The underlayment may be used as described in other current FBC product approval documents.
- 6) The roof deck shall be designed by others in accordance with FBC requirements to resist the design wind load pressures for components and cladding.
- 7) 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.



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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