



EVALUATION REPORT

FLORIDA BUILDING CODE, 7TH EDITION (2020)

Manufacturer: GCP Applied Technologies, Inc.
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Manufacturing Plants: Bedford Park, IL
 Evanston, IL
 Mt. Pleasant, TN
 Drummondville, Quebec

Quality Assurance: Benchmark Holdings, LLC (QUA9495)

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, 1523.6.5.2.1
Properties: Physical properties

REFERENCES

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Intertek Testing Services NA (TST1585)	3173292COQ-005B	ASTM D 1970	2015a
Intertek Testing Services NA (TST1585)	3150841COQ-003A	ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	WRG-017-02-01	ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	WRG-018-02-01	ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	WRG-050-02-02	ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	WRG-141-02-03	ASTM D 1970	2015a
PRI Construction Materials Technologies (TST5878)	WRG-141-02-04	ASTM D 1970	2015a

PRODUCT DESCRIPTION AND APPLICATION

GRACE ICE & WATER SHIELD®

Grace Ice & Water Shield® is a high density cross laminated polyethylene surfaced self-adhered ASTM D 1970 underlayment for use on steep slope roofs.

GRACE ICE & WATER SHIELD® HT

Grace Ice & Water Shield® HT is a high density cross laminated polyethylene surfaced self-adhered ASTM D 1970 Type II underlayment for use on steep slope roofs

Deck Type: The roof deck shall be constructed of closely fitted sheathing for new or existing construction. Sheathing shall be installed in accordance with FBC requirements. Roof decks shall have no more than 1/8" gap at abutting joints.

Attachment method: Outside the HVHZ, underlayment shall be attached in accordance with the FBC Section 1507.1.1, Table 1507.1.1.1 and manufacturer's installation instructions

In the HVHZ, the underlayments 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).

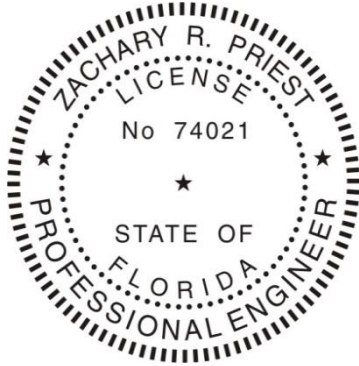
Allowable roof coverings: Mechanically attached roof systems as prescribed in the FBC.

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) 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 not be installed over existing roof coverings.
- 10) Underlayments may be exposed on the roof deck for a maximum duration of 30 days.
- 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) 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 03/30/2021.

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