



**EVALUATION REPORT**

**FLORIDA BUILDING CODE, 6<sup>TH</sup> EDITION (2017)**

**Manufacturer:** GCP Applied Technologies, Inc. *Issued February 22, 2018*  
 62 Whittemore Avenue  
 Cambridge, MA 02140  
 (617) 876-1400  
[www.gcpat.com](http://www.gcpat.com)

**Manufacturing Plants:** Bedford Park, IL  
 Evanston, IL  
 Mt. Pleasant, TN  
 Drummondville, Quebec

**Quality Assurance:** Benchmark Holdings, LLC (QUA9495)

**SCOPE**

**Category:** Roofing  
**Subcategory:** Underlayments  
**Code Sections:** 1507.1.1  
**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**

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**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: Underlayment shall be attached in accordance with the FBC Table 1507.1.1 and manufacturer's installation instructions

Allowable roof coverings: Mechanically attached roof systems as prescribed in FBC Section 1507.1.1.

**LIMITATIONS**

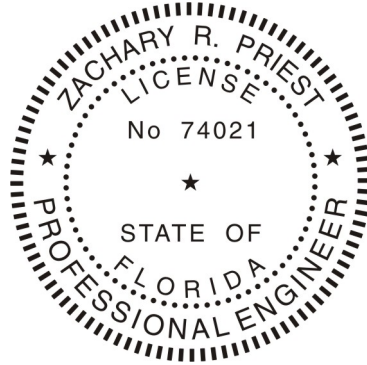
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- 1) This evaluation report is not use in the HVHZ.
- 2) Fire Classification is not within the scope of this evaluation.
- 3) Wind uplift resistance in not within scope of this evaluation.
- 4) Installation of the evaluated product shall comply with 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 not be installed over existing roof coverings.
- 11) Underlayments may be exposed on the roof deck for a maximum duration of 30 days.
- 12) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

**COMPLIANCE STATEMENT**

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The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the Florida Building Code, 6<sup>th</sup> Edition (2017) as evidenced in the referenced documents submitted by the named manufacturer.



Zachary R. Priest, P.E.  
Florida Registration No. 74021  
Organization No. ANE9641

**CERTIFICATION OF INDEPENDENCE**

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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**