



**EVALUATION REPORT**

**2010 FLORIDA BUILDING CODE**

**Manufacturer:** W.R. GRACE & CO. *Issued October 24, 2012*  
 62 Whittemore Avenue  
 Cambridge, MA 02140  
 (617) 498-4303  
[www.graceconstruction.com](http://www.graceconstruction.com)

**Manufacturing Plants:** Valdosta, GA

**Quality Assurance:** RADCO, Inc. (QUA1990)

**SCOPE**

**Category:** Roofing  
**Subcategory:** Underlayments  
**Code Sections:** 1507.2.3, 1507.5.3, 1507.6.3, T1507.8, 1507.8.3, 1507.9.3, 1507.9.5  
**Properties:** Physical properties

**REFERENCES**

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
PRI Construction Materials Technologies	WRG-083-02-01	ASTM D 226	2006
PRI Construction Materials Technologies	WRG-083-02-01	ASTM D 4869	2005e1
PRI Construction Materials Technologies	WRG-083-02-01	TAS 104	1995

**PRODUCT DESCRIPTION AND APPLICATION**

**GRACE SYN 15<sup>®</sup>** Grace SYN 15<sup>®</sup> is a polypropylene coated, synthetic underlayment that is mechanically attached to solid or closely fitted sheathing and may be used as a substitute for ATSM D 226 Type I roofing felt.

**Deck Type:** New and existing solidly sheathed wood deck

**Min. slope:** 2:12. For slopes less than 3:12, Grace SYN 15<sup>®</sup> must be half-lapped a full 24" over the underlying course.

**Attachment method:** Mechanically attached with minimum 4" side laps and minimum 6" end laps using minimum 1-inch diameter plastic or metal caps.

**Allowable roof coverings:** Asphalt shingles, wood shakes and shingles, metal roof panels and shingles



#### 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) GRACE underlayments shall be installed in strict compliance with this evaluation report and the manufacturer's published installation instructions.
- 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) GRACE underlayments may be used as described in other current FBC product approval documents.
- 7) GRACE underlayments shall not be used with adhered tile roof coverings nor installed on existing roof coverings.
- 8) GRACE underlayments may be exposed on the roof deck for a maximum duration of 30 days.
- 9) All side laps seams must be installed to shed water from the deck.

#### COMPLIANCE STATEMENT

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The products evaluated herein have demonstrated compliance with the 2010 Florida Building Code 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