



**EVALUATION REPORT**

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

**Manufacturer:** Benjamin Obdyke, Inc. *Issued January 24, 2018*  
 400 Babylon Road, Suite A  
 Horsham, PA 19044  
 800-346-7655  
 www.benjaminobdyke.com

**Manufacturing Plants:** Enka, NC  
 Perry, MO

**Quality Assurance:** Architectural Testing, Inc. (QUA1844)

**SCOPE**

**Category:** Roofing  
**Subcategory:** Roofing Accessories that are an Integral Part of the Roofing System  
**Code Sections:** 1503.5, 1709.2  
**Properties:** Roof Ventilation

**REFERENCES**

<u>Entity</u>	<u>Report No.</u>	<u>Standard</u>	<u>Year</u>
Architectural Testing, Inc. (TST1558)	A8000.02-109-44	ASTM E 330	2002
Architectural Testing, Inc. (TST1558)	D8759.01-109-18	TAS 100(A)	1995
PRI Asphalt Technologies, Inc. (TST1556)	BOI-001-02-01	TAS 100(A)	1995
PRI Asphalt Technologies, Inc. (TST1556)	BOI-002-02-01	TAS 100(A)	1995
PRI Construction Materials Technologies, Inc. (TST5878)	BOI-012-02-03	TAS 100(A)	1995
PRI Construction Materials Technologies, Inc. (TST5878)	BOI-025-02-01	TAS 100(A)	1995

**LIMITATIONS**

- 1) This evaluation report is not for use in the HVHZ.
- 2) Fire Classification is outside the scope of this evaluation.
- 3) The roof deck and deck attachment shall be designed by others in accordance with the FBC.
- 4) Benjamin Obdyke Ridge Vents shall be installed in strict compliance with this evaluation report and the manufacturer's published installation instructions. In the event of conflict, this report shall hold precedence.
- 5) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion prior to installation.
- 6) Installation of the roof assembly is outside the scope of this evaluation.
- 7) Benjamin Obdyke Ridge Vents may be used as described in other current FBC product approval documents.
- 8) Benjamin Obdyke Ridge Vents are intended to provide passive ventilation for an enclosed attic in residential construction applications.
- 9) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

**PRODUCT DESCRIPTION AND APPLICATION**

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**COUGAR® LP**

Cougar® LP is a 10.5" wide by 0.6-inch thick, continuous, under-the-shingle ventilator made of a flexible, random nylon matrix fabric with a non-woven nylon-polyester fabric covering.

- Deck Type: Min. 15/32-inch APA span rated plywood sheathing (Designed by others in accordance with the FBC) for new and existing deck.
- Roof slope: 3:12 – 18:12 (Not to exceed 12:12 for hip roofs)
- Mean Roof Height: up to 33 ft
- Attachment method: Galvanized or stainless steel ring shank roofing nails having min. 0.125-inch dia shank. and min.0.410-inch dia. head; Nails shall be of sufficient length to penetrate through the sheathing. Fasten vent 8-ft o.c. on either side of the ridge slot. Cap shingle secured through the vent and to the deck 5-inches o.c. on either side of the ridge slot.
- Allowable roof coverings: Asphalt shingles

**ROLL VENT®**

Roll Vent® is a 15/16-inch thick, continuous, under-the-shingle ventilator made of a flexible, random nylon matrix fabric with a non-woven nylon-polyester fabric covering.

- Deck Type: Min. 15/32-inch APA span rated plywood sheathing (Designed by others in accordance with the FBC) for new and existing deck.
- Roof slope: 3:12 – 18:12 (Not to exceed 12:12 for hip roofs)
- Mean Roof Height: up to 33 ft
- Attachment method: Galvanized or stainless steel roofing nails having min. 0.125-inch dia shank. and min.0.410-inch dia. head; Nails shall be of sufficient length to penetrate through the sheathing. Fasten vent 24-inches o.c. on either side of the ridge slot. Cap shingle secured through the vent and to the deck 5-inches o.c. on either side of the ridge slot.
- Allowable roof coverings: Asphalt shingles
- <sup>1</sup>Allowable Uplift Pressure: 160 psf (Maximum)

**RAPID RIDGE®**

Rapid Ridge® is a 5/8-inch thick, continuous, under-the-shingle ventilator made of a flexible, random nylon matrix fabric with a non-woven nylon-polyester fabric covering.

- Deck Type: Min. 15/32-inch APA span rated plywood sheathing (Designed by others in accordance with the FBC) for new and existing deck.
- Roof slope: 3:12 – 18:12 (Not to exceed 12:12 for hip roofs)
- Mean Roof Height: up to 33 ft
- Attachment method: Galvanized or stainless steel roofing nails having min. 0.125-inch dia shank. and min.0.410-inch dia. head; Nails shall be of sufficient length to penetrate through the sheathing. Fasten vent 24-inches o.c. on either side of the ridge slot. Cap shingle secured through the vent and to the deck 5-inches o.c. on either side of the ridge slot.
- Allowable roof coverings: Asphalt shingles
- <sup>1</sup>Allowable Uplift Pressure: 190 psf (Maximum)

**SHARKVENT® XLP**

SharkVent® XLP is a 14-11/16” wide by 5/8-inch thick, continuous, under-the-shingle ventilator made of injection-molded polypropylene.

Deck Type: Min. 15/32-inch APA span rated plywood sheathing (Designed by others in accordance with the FBC) for new and existing deck.

Roof slope: 3:12 – 16:12 (Not to exceed 12:12 for hip roofs)

Attachment method: Galvanized or stainless steel roofing nails having min. 0.125-inch dia shank. and min.0.410-inch dia. head; Nails shall be of sufficient length to penetrate through the sheathing. Fasten vent 12-inches o.c. on either side of the ridge slot. Cap shingle secured through the vent and to the deck 5-inches o.c. on either side of the ridge slot.

Allowable roof coverings: Asphalt shingles

**XTRACTOR VENT® XLP**

Xtractor Vent® XLP is a 5/8-inch thick sectional, under-the-shingle ventilator made of injection-molded polypropylene.

Deck Type: Min. 15/32-inch APA span rated plywood sheathing (Designed by others in accordance with the FBC) for new and existing deck.

Roof slope: 3:12 – 16:12 (Not to exceed 12:12 for hip roofs)

Mean Roof Height: up to 33 ft

Attachment method: Galvanized or stainless steel roofing nails having min. 0.125-inch dia shank. and min.0.410-inch dia. head; Nails shall be of sufficient length to penetrate through the sheathing. Fastened vent 24-inches o.c. on either side of the ridge slot. Cap shingle secured through the vent and to the deck 5-inches o.c. on either side of the ridge slot.

Allowable roof coverings: Asphalt shingles

<sup>1</sup>Allowable Uplift Pressure: 180 psf (Maximum)

**XTRACTOR VENT® X18**

Xtractor Vent® X18 is a 13/16-inch thick sectional, under-the-shingle ventilator made of injection-molded polypropylene.

Deck Type: Min. 15/32-inch APA span rated plywood sheathing (Designed by others in accordance with the FBC) for new and existing deck.

Roof slope: 3:12 – 16:12 (Not to exceed 12:12 for hip roofs)

Mean Roof Height: up to 33 ft

Attachment method: Galvanized or stainless steel roofing nails having min. 0.125-inch dia shank. and min.0.410-inch dia. head; Nails shall be of sufficient length to penetrate through the sheathing. Fasten vent 24-inches o.c. on either side of the ridge slot. Cap shingle secured through the vent and to the deck 5-inches o.c. on either side of the ridge slot.

Allowable roof coverings: Asphalt shingles

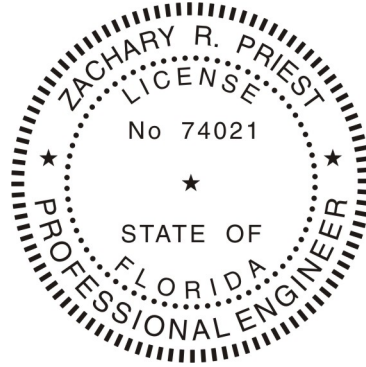
<sup>1</sup>Allowable Uplift Pressure: 180 psf (Maximum)

<sup>1</sup>Calculated using 2:1 margin of safety per Section 1504.9 of the FBC

**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**