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EVALUATION REPORT

FLORIDA BUILDING CODE, 8TH EDITION (2023)

Manufacturer: OWENS CORNING ROOFING AND ASPHALT LLC
1 Owens Corning Parkway
Toledo, OH 43657
(800) 438-7465
www.owenscorning.com

Issued October, 6, 2023

Quality Assurance: PRI Construction Materials Technologies (QUA9110)

SCOPE

Category: Roofing
Subcategory: Roofing Accessories that are an Integral Part of the Roofing System
Code Edition: Florida Building Code, 8th Edition (2023)
Code Sections: 1708.2
Properties: Roof Ventilation

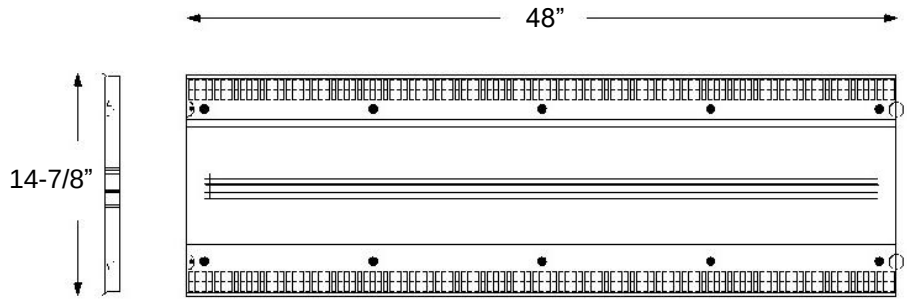
REFERENCES

Entity	Report No.	Standard	Year
Architectural Testing, Inc (TST1558)	01-38660.04	TAS 100(A)	2023
Architectural Testing, Inc (TST1558)	01-38660.05	TAS 100(A)	2023
Architectural Testing, Inc (TST1558)	C1774.01-109-18	TAS 100(A)	2023
		ASTM D 635	2014
		ASTM D 1929	2016
		ASTM D 2843	2016
PRI Construction Materials Technologies (TST5878)	AVIG-005-02-01	ASTM D 635	2014
		ASTM D 1929	2016
		ASTM D 2843	2016
PRI Construction Materials Technologies (TST5878)	AVIG-006-02-01	ASTM G 155	2013
PRI Construction Materials Technologies (TST5878)	OCF-111-02-01	ASTM D 635	2014
		ASTM D 1929	2016
		ASTM D 2843	2016
PRI Construction Materials Technologies (TST5878)	OCF-112-02-01	ASTM G 155	2013
PRI Construction Materials Technologies (TST5878)	OCF-116-02-01	TAS 100(A)	2023
PRI Construction Materials Technologies (TST5878)	OCF-223-02-01	TAS 100(A)	2023
PRI Construction Materials Technologies (TST5878)	OHI-007-02-01	TAS 100(A)	2023

PRODUCT DESCRIPTION AND APPLICATION

VentSure® 4-Foot Strip Heat and Moisture Ridge Vents:

1-1/4" x 14-7/8" x 48" low-profile attic ridge vent consisting of a two-layer nylon-polyester composite. Available with or without a polyester fabric moisture barrier for installation in shingle roof systems.



Deck Type:

Roof deck shall be constructed of closely fitted sheathing for new or existing construction. Roof deck shall be designed and installed in accordance with FBC requirements.

Roof slope:

Minimum 3:12 to maximum 16/12

Installation Height:

Maximum 60-ft

Attachment Method:

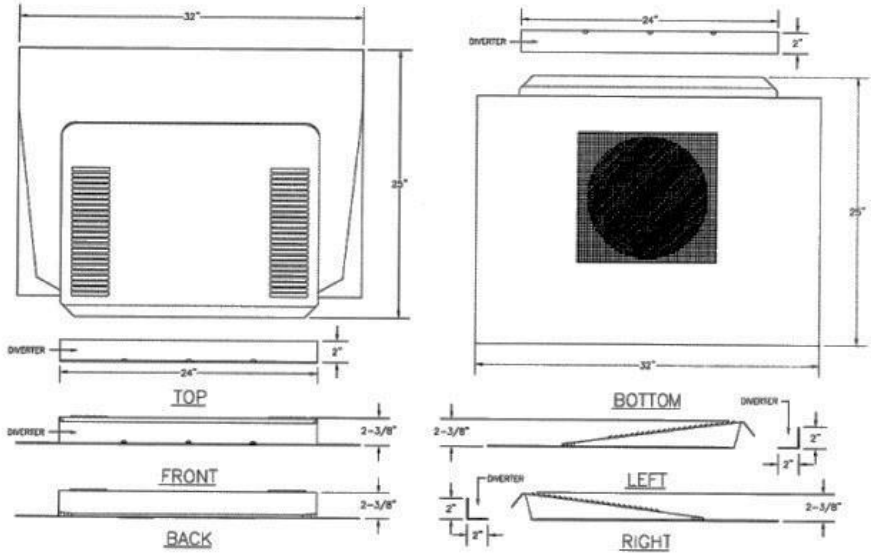
Cut a 2-inch opening (1-inch on each side of the ridge) centered in the deck at the ridge for ventilation. The slot shall terminate approximately 6-inches from the rake edges. Apply a ¼-inch wide bead of ASTM D 4586 roofing cement along the entire length of the outside edges of the vent to seal the vent to the field shingles, taking care to not completely cover the weep slots in the vent. Center the vent over the opening and fasten to the deck using the 11 ga. 2½-inch galvanized ring shank nails (shall comply with FBC Section 1506.5) provided with the vent. Fasteners are to be installed on both sides of the vent 1, 12, 24, 36, and 47-inches from the start of each vent piece.

Prepare the adjacent vent section by applying the roofing cement along the edges, snap together with fixed vent, and fasten to the deck in the same manner as the first section. Fasten the ridge shingles over the vent to the deck on the marked "shingle nail line" with two (2) minimum 11 ga. 2½-inch galvanized ring shank roofing nails (shall comply with FBC Section 1506.5) provided with the vent or as directed by the shingle manufacturer's installation instructions.

Allowable Roof Coverings:

Asphalt shingles

VentSure® Low Profile Slant Back Roof Vent with Exterior Louver: 18” x 24” x 2-3/16” (32” x 23” flange base) static off-ridge vent composed of ASTM A653 galvanized steel (available with painted finish). Material shall conform with FBC Section 1507.4.3.



Deck Type: Roof deck shall be constructed of closely fitted sheathing for new or existing construction. Roof deck shall be designed and installed in accordance with FBC requirements.

Roof slope: Minimum 3:12

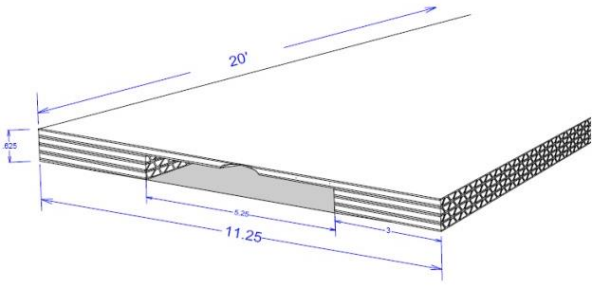
Installation Height: Maximum 33-ft

Attachment Method: Cut an 11 x 11-inch hole through wood sheathing only approximately 18-inches from the ridge. Apply 1/4-inch thick by 3-inch wide bed of ASTM D 4586 roofing cement around inner and outer flange. Place vent directly over the hole, ensuring the vent sits flat on the roof. Fasten vent 4-inches o.c. and 1-inch from outside edge of flange with minimum 12 ga. ring shank roofing nails (shall comply with FBC Section 1506.5), ensuring ⅜-inch penetration through wood deck (Minimum 18 nails per vent).

Install baffle in ¼-inch bed of ASTM D 4586 roofing cement and secure with minimum 12 ga. ring shank roofing nails (shall comply with FBC Section 1506.5) spaced 8-inches o.c. (total of (3) nails) while ensuring ⅜-inch penetration through wood deck. Seal all nails and vent flange with ASTM D 4586 roofing cement.

Allowable Roof Coverings: Asphalt shingles

VentSure® Rigid Roll Ridge Vent: 5/8" x 11-1/4" x 20' attic ridge vent composed of high density polypropylene with a spun-bond polypropylene fabric.



Deck Type: Roof deck shall be constructed of closely fitted sheathing for new or existing construction. Roof deck shall be designed and installed in accordance with FBC requirements.

Roof slope: Minimum 2:12 to maximum 20:12

Installation Height: Maximum 60-ft

Attachment Method: Cut a 2-inch opening (1-inch on each side of the ridge) centered in the deck at the ridge for ventilation. The slot shall terminate approximately 12-inches from the rake edges. Apply a continuous bead of polyurethane adhesive sealant along the entire length of the outside edges of the vent to seal the vent to the field shingles. Center the vent over the opening and fasten the vent 24-inches o.c. to the deck using minimum 12 ga. ring shank roofing nails (shall comply with FBC Section 1506.5), ensuring ⅜-inch penetration through wood deck.

Fasten the ridge shingles over the vent to the deck on the marked "shingle nail line" with two (2) minimum 12 ga. ring shank roofing nails (shall comply with FBC Section 1506.5) or as directed by the shingle manufacturer's installation instructions, ensuring ⅜-inch penetration through wood deck. Outside edges of the shingles shall be sealed with flashing cement.

Allowable Roof Coverings: Asphalt shingles

LIMITATIONS

1) This 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) Owens Corning vents shall be installed in strict compliance with this evaluation report and the manufacturer's published installation instructions. In the event of conflict, the more restrictive installation shall be enforced.
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) Owens Corning vents are intended to provide passive ventilation for an enclosed attic in residential construction applications.
8) 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, 8th Edition (2023) 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 10/6/2023.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Digitally signed by Zachary R. Priest
2023.10.06 14:07:51 -04'00'

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