



NEMO|etc.

Certificate of Authorization #32455
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ENGINEER

TEST

CONSULT

P.E. EVALUATION REPORT (PEER)

Owens Corning Roofing and Asphalt, LLC

One Owens Corning Parkway
Toledo, OH 43659
(740) 404-7829

PEER-OC-005.A

FL16828-R5 (NON-HVHZ)

Date of Issuance: 02/13/2014

Revision 3: 05/08/2024

SCOPE:

This P.E. Evaluation Report (henceforth 'PEER') is issued under **F.A.C. Rule 61G20-3** and the applicable rules and regulations governing the use of construction materials in the State of Florida. The documentation submitted has been reviewed by Robert Nieminen, P.E. for use of the product under the Florida Building Code. The products described herein have been evaluated for compliance with the **8th Edition (2023) Florida Building Code sections noted herein.**

DESCRIPTION: Owens Corning Roof Ventilation Products (NON-HVHZ)

LABELING: Labeling shall be in accordance with the requirements of the Accredited Quality Assurance Agency noted herein.

CONTINUED COMPLIANCE: This PEER is valid until such time as the named product(s) changes, the referenced Quality Assurance or production facility location(s) changes, or Code provisions that relate to the product(s) change. Acceptance of our PEERs by the named client constitutes agreement to notify NEMO ETC, LLC of any changes to the product(s), the Quality Assurance or the production facility location(s). NEMO ETC, LLC requires a complete review of its PEER relative to updated Code requirements with each Code Cycle.

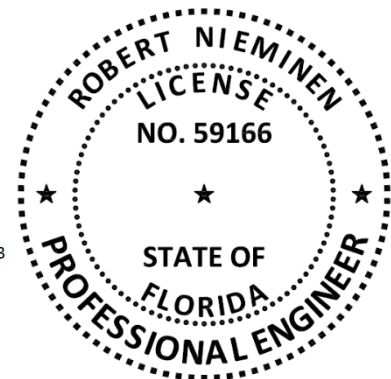
ADVERTISEMENT: The Florida Product Approval Number (FL#) preceded by the words "NEMO P.E. Evaluated" may be displayed in advertising literature. If any portion of the PEER is displayed, then it shall be done in its entirety.

INSPECTION: Upon request, a copy of this entire PEER shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This PEER consists of pages 1 through 4.

Prepared by: **Digitally signed**
by Robert
Nieminen
Date: 2024.05.08
'18:27:10 -04'00

This item has been digitally signed and sealed by Robert Nieminen, P.E.
Printed copies of this document are not considered signed and sealed, and the signature must be verified on any electronic copies.
Robert Nieminen, Florida P.E. 59166, FBC ANE1983
NEMO ETC, LLC, Florida CA #32455



CERTIFICATION OF INDEPENDENCE:

1. NEMO ETC, LLC does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products it evaluates.
2. NEMO ETC, LLC is not owned, operated, or controlled by any company manufacturing or distributing products it evaluates.
3. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products for which the PEERs are being issued.
4. Robert Nieminen, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.
5. This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance unless retained specifically for that purpose.

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ROOFING COMPONENT EVALUATION:
1. SCOPE:

Product Category: Roofing
Sub-Category: Roofing Accessories that are an Integral Part of the Roofing System
Product Approval Method: Method 1, Option D: Codified Material, Evaluation by Engineer
Compliance Statement: Owens Corning Roof Ventilation Products, as produced by Owens Corning, have demonstrated compliance with the following sections of the **8th Edition (2023) Florida Building Code** through testing in accordance with the following Standards. Compliance is subject to the [Installation Requirements](#) and [Limitations of Use](#) set forth herein.

2. CODE SECTIONS:

SECTION	PROPERTY	STANDARD
1523.6.5.2.13	Wind Driven Rain	TAS 100(A)
2606.4	Rate of burning	ASTM D635
2606.4	Self-ignition temperature	ASTM D1929
2615.2	Weatherometer	ASTM G155

3. REFERENCES:

ENTITY	EXAMINATION	REFERENCE	DATE
PRI (CER12639)	Net Free Ventilation Area	ER 1378E03	04/21/2020
PRI (TST 5878)	TAS 100(A)-95	OCF-183-02-01	10/24/2012
PRI (TST 5878)	Net Free Ventilation Area	OCF-180-02-02	12/18/2013
PRI (TST 5878)	ASTM D635, D1929, G155	1378T0052	09/29/2020
PRI (QUA9110)	Quality Control	Service Confirmation	08/03/2020
PRI (CER12639)	Quality Control	Validated Products	Current
PRI (QUA9110)	Quality Control	Florida BCIS	Current

4. PRODUCT DESCRIPTION:

Product	Plant(s)	Description	Published NFVA ¹
VentSure® InFlow® Vent	Niles, OH	injection-molded, sectional, 4-ft strip intake vent product designed for use at roof eaves when used in conjunction with ridge ventilation	10 in ² /ft

5. LIMITATIONS:

- 5.1 This is a building code evaluation. Neither NEMO ETC, LLC nor Robert Nieminen, P.E. are, in any way, the Designer of Record for any project on which this PEER, or previous versions thereof, is/was used for permitting or design guidance. PEERs are not to be construed as representing any attributes not specifically listed, nor are PEERs to be construed as an endorsement of the subject, or a recommendation for its use. There is no warranty by NEMO ETC, LLC or Robert Nieminen, P.E., express or implied, as to any finding or other matter in this PEER, or as to any product covered by the PEER.
- 5.2 This PEER is not for use in FBC High Velocity Hurricane Zone jurisdictions, as defined in FBC Chapter 2 (Broward and Miami-Dade Counties).
- 5.3 This PEER pertains to above-deck roof components. Roof decks and structural members shall be in accordance with FBC requirements to the satisfaction of the Authority Having Jurisdiction.
- 5.4 This PEER does not include evaluation of fire classification. Refer to **FBC 1505** or **R902** for requirements and limitations regarding roof assembly fire classification.
- 5.5 Minimum slope is 4:12. Maximum slope is 16:12.

¹ Net Free Ventilation Area reported herein is as published by the manufacturer at the time of evaluation. The report user should verify current published data at the time of design and/or permitting to the satisfaction of the Authority Having Jurisdiction.

5.6 **Wind Classification:**

5.6.1 When installed in accordance with **Owens Corning** standard attachment procedures, installation of **VentSure® InFlow® Vent** is limited to maximum 33 ft mean roof height in Exposure B or C conditions. Refer to FBC 1609 or FBCR Chapter 3 for design wind speeds and exposure categories.

5.7 **VentSure® InFlow® Vent** is for use with asphalt-composition shingle roofs only.

5.8 Installation shall result in minimum net free ventilation area requirements set forth in **FBC 1203.2**.

6. **INSTALLATION:**

6.1 **Owens Corning Roof Ventilation Products** shall be installed in accordance with **Owens Corning** published installation requirements, using the nails provided, subject to the [Limitations of Use](#) herein and the specifics noted below.

6.2 **VentSure® InFlow® Vent:**

6.2.1 Measure up 6.5-inch from the eaves edge, along both rakes, towards the ridge, place a mark on the roof deck and snap a chalk line. Measure up 1-inch from the chalk line (7.5-inch from eaves edge) and snap a second chalk line. This will be the location of the opening for the intake. Keep the marks for the opening a minimum of 6-inch from both rakes and 12-inch from valleys, chimneys, skylights and vertical wall projections. See Figure A.

Using a circular saw with the proper depth set to the thickness of the wood sheathing; remove the area between the chalk lines. See Figures B and C.

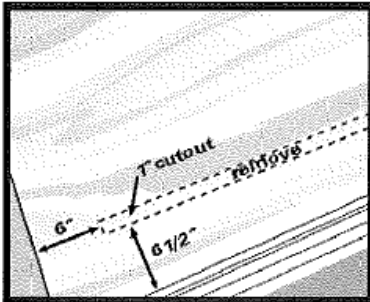


Figure A

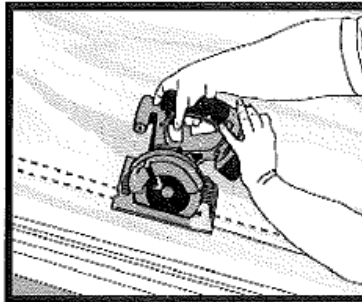


Figure B

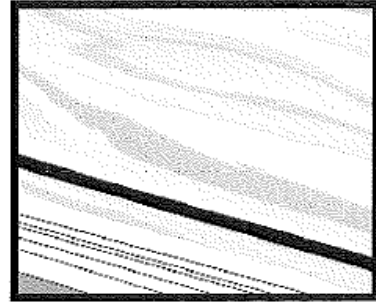


Figure C

6.2.2 Install 18-inch wide section of WeatherLock® self-adhering underlayment starting at the eaves edge. For cold climates, where required by code, extend the WeatherLock® underlayment application past the interior wall as required by code. Use a utility knife to remove the underlayment from the 1-inch wide slot. See Figures D and E.

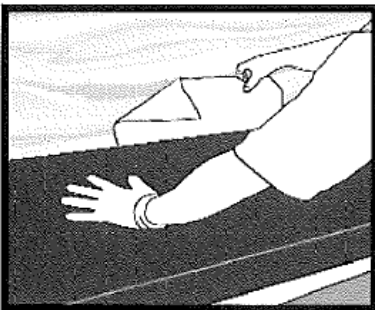


Figure D

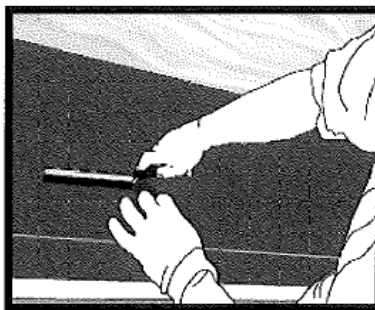


Figure E

- 6.2.3 Install the VentSure® InFlow® Vent flush with the eave edge using the vent alignment notch and flush with the rake edge. Nail the vent in place with the nails provided using the pre-marked nail holes on each vent. See Figure F.

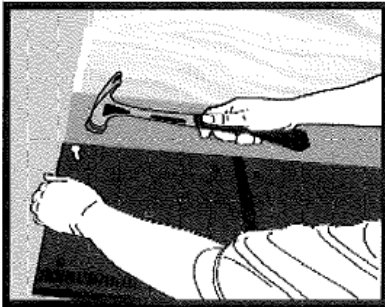


Figure F

- 6.2.4 Install a 36-inch wide section of WeatherLock® self-adhering underlayment over the vent at the eave and rake edges and up the roof. Finish installing the selected approved underlayment over the entire roof in accordance with the underlayment manufacturer's instructions. See Figures G and H.

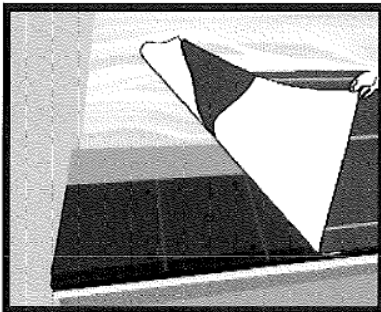


Figure G

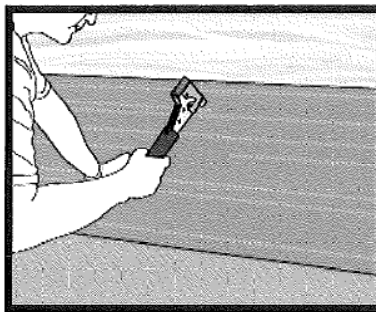


Figure H

- 6.2.5 Install selected approved shingle starter strip and asphalt shingle system in accordance with the shingle manufacturer's published installation instructions.

7. BUILDING PERMIT REQUIREMENTS:

As required by the Building Official or Authority Having Jurisdiction to properly evaluate the installation of this product.

8. MANUFACTURING PLANTS:

Contact the named QA entity for manufacturing facilities covered by **F.A.C. Rule 61G20-3** QA requirements. Refer to [Section 4](#) herein for products and production locations having met codified material standards.

9. QUALITY ASSURANCE ENTITY:

PRI Construction Materials Technologies, LLC, QUA9110, (813) 621-5777, chris.moskal@pri-group.com

- END OF PEER -