# U.S. DEPARTMENT OF HOMELAND SECURITY

Federal Emergency Management Agency National Flood Insurance Program OMB No. 1660-0008 Expiration Date: November 30, 2022

# **ELEVATION CERTIFICATE**

Important: Follow the instructions on pages 1-9.

Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A - PROPERTY INFORMATION	FOR INSURANCE COMPANY USE
A1. Building Owner's Name	Policy Number:
Kenneth Croat & Debra Lokken	
<ul> <li>A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.</li> <li>14421 Masthead Dr.</li> </ul>	Company NAIC Number:
City	ZIP Code
Osprey Florida	34229
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)  Lot 33, Bayside Subdivision PID# 0148150043	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential	
A5. Latitude/Longitude: Lat. 27.182564° Long82.490879° Horizontal Datu	m: NAD 1927 X NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insu	rance.
A7. Building Diagram Number1B	
A8. For a building with a crawlspace or enclosure(s):	
a) Square footage of crawlspace or enclosure(s)  N/A sq ft	
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above	e adjacent grade N/A
c) Total net area of flood openings in A8.b N/A sq in	
d) Engineered flood openings?	
A9. For a building with an attached garage:	
a) Square footage of attached garage 876.00 sq ft	
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent	grade 5
c) Total net area of flood openings in A9.b 1000.00 sq in	
d) Engineered flood openings? 🗵 Yes 🗌 No	
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORM	ATION
B1, NFIP Community Name & Community Number  Sarasota County 125144  B2, County Name  Sarasota	B3. State Florida
Number Date Effective/ Zone(s)	Base Flood Elevation(s) (Zone AO, use Base Flood Depth)
12115C0236 F 11-04-2016 Revised Date 11-04-2016 AE 11' 6	& 12' 
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Ite	m B9:
FIS Profile X FIRM Community Determined Other/Source:	
B11. Indicate elevation datum used for BFE in Item B9: ☐ NGVD 1929 区 NAVD 1988 ☐ C	Other/Source:
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Pro	tected Area (OPA)?  Yes  No
Designation Date: CBRS  OPA	

# **ELEVATION CERTIFICATE**

OMB No. 1660-0008 Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding	information from Sec	tion A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or 14421 Masthead Dr.	Bldg. No.) or P.O. Rou	e and Box No.	Policy Number:
City State Osprey Flori			Company NAIC Number
SECTION C - BUILDING ELE	VATION INFORMAT	ION (SURVEY RE	EQUIRED)
C1. Building elevations are based on: Construction  *A new Elevation Certificate will be required when co  C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), \ Complete Items C2.a–h below according to the buildi  Benchmark Utilized: NGS BM# 872 5943 1 Elev.=7.	nstruction of the buildin /E, V1–V30, V (with BF ing diagram specified in	E), AR, AR/A, AR/ n Item A7. In Puert	/AE, AR/A1-A30, AR/AH, AR/AO.
Indicate elevation datum used for the elevations in ite			
☐ NGVD 1929 ☑ NAVD 1988 ☐ Other/S  Datum used for building elevations must be the same	ource:		
a) Top of bottom floor (including basement, crawlspa	ace, or enclosure floor)		Check the measurement used.  14.0  feet  meters
b) Top of the next higher floor			27.3  feet meters
c) Bottom of the lowest horizontal structural member	(V Zones only)		N/A
d) Attached garage (top of slab)			10.9 🔀 feet 🔲 meters
e) Lowest elevation of machinery or equipment servi (Describe type of equipment and location in Comr	nents)		13.7 🔀 feet 🗌 meters
f) Lowest adjacent (finished) grade next to building	(LAG)		5.0 🔀 feet 🗌 meters
g) Highest adjacent (finished) grade next to building	(HAG).		11.4 🔀 feet 🔲 meters
h) Lowest adjacent grade at lowest elevation of deck structural support	c or stairs, including		11.2 🗵 feet 🗌 meters
SECTION D – SURVEYOR,	ENGINEER, OR ARC	HITECT CERTIF	ICATION
This certification is to be signed and sealed by a land sun I certify that the information on this Certificate represents statement may be punishable by fine or imprisonment und	mv best efforts to inten	oret the data availa	law to certify elevation information.  ible. I understand that any false
Were latitude and longitude in Section A provided by a lic	ensed land surveyor?	⊠Yes □ No	
Certifier's Name Martin S. Britt	License Number LS 5538		N. Company
Title Surveyor & Mapper			MILSBA
Company Name MSB Surveying, Inc.		8	LS 5538
Address 31 Sarasota Center Boulevard, Suite C			12/30/2022
City Sarasota	State Florida	ZIP Code 34240	
Signature Math & South	Date 12-30-2022	Telephone (941) 341-9935	Ext. N/A
Copy all pages of this Elevation Certificate and all attachmen	nts for (1) community of	icial, (2) insurance	agent/company, and (3) building owner.
Comments (including type of equipment and location, per 2 story structure on filled stem wall. A5. determined by L4 installed are Smart Vent Model #1540-520 per ICC-ES EV FEMA Map & based on Federal Emergency Management December 3, 2020. B9. structure lies in both flood zones. elevated AC unit (see photo on Page 8) NOTE: Page 7 & 8 added to this 6 page document for add	ABINS website. A9.b,c, aluation Report ESR-2 Agency Letter Of Map C2.a) denotes the first	074, revised date ( Revision Case No living area finish flo	04/2021. 88. information shown on : 20-04-3149P, Effective date: oor on filled stemwall. C2.e) denotes

# **ELEVATION CERTIFICATE**

OMB No. 1660-0008 Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the correspondi	ng information from	Section A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and 14421 Masthead Dr.	/or Bldg. No.) or P.O.	Route and Box No.	Policy Number:
- 1		ZIP Code 34229	Company NAIC Number
SECTION E – BUILDING ELI FOR ZONE	EVATION INFORMA AO AND ZONE A (		REQUIRED)
For Zones AO and A (without BFE), complete Items E1-complete Sections A, B,and C. For Items E1–E4, use nature meters.	E5. If the Certificate in a stural grade, if available	s intended to support a le. Check the measure	LOMA or LOMR-F request, ment used. In Puerto Rico only,
E1. Provide elevation information for the following and the highest adjacent grade (HAG) and the lowest a a) Top of bottom floor (including basement,		boxes to show whether	er the elevation is above or below
crawlspace, or enclosure) is			rs above or below the HAG.
<ul> <li>Top of bottom floor (including basement, crawlspace, or enclosure) is</li> </ul>		feet mete	rs above or below the LAG.
E2. For Building Diagrams 6–9 with permanent flood of the next higher floor (elevation C2.b in	penings provided in Se	ection A Items 8 and/or	9 (see pages 1–2 of Instructions),
the riext rights floor (elevation C2.5 in the diagrams) of the building is		feet _ mete	rs above or below the HAG.
E3. Attached garage (top of slab) is		feet   mete	rs above or below the HAG.
E4. Top of platform of machinery and/or equipment servicing the building is			rs 🔲 above or 🔲 below the HAG.
E5. Zone AO only: If no flood depth number is available floodplain management ordinance? Yes	e, is the top of the botte No Unknown.	om floor elevated in ac	cordance with the community's
SECTION F - PROPERTY OWN	IER (OR OWNER'S R	EPRESENTATIVE) C	ERTIFICATION
The property owner or owner's authorized representative community-issued BFE) or Zone AO must sign here. The	re who completes Sections statements in Section	tions A, B, and E for Zoons A, B, and E are con	one A (without a FEMA-issued or rect to the best of my knowledge.
Property Owner or Owner's Authorized Representative's	s Name		
Address	City	Si	ate ZIP Code
Signature	Date	Te	elephone
Comments			

### **ELEVATION CERTIFICATE**

OMB No. 1660-0008 Expiration Date: November 30, 2022

IPORTANT: In these spaces, copy the corresponding information from Section A. FOR INSURANCE COMPANY USE			
Building Street Address (including Apt., Unit, S 14421 Masthead Dr.	uite, and/or Bldg. No.) or P.O	. Route and Box No.	Policy Number:
City Osprey	State Florida	ZIP Code 34229	Company NAIC Number
SECTION	ON G - COMMUNITY INFOR	MATION (OPTIONAL	)
The local official who is authorized by law or or Sections A, B, C (or E), and G of this Elevation used in Items G8–G10. In Puerto Rico only, en	Certificate. Complete the ap		
G1. The information in Section C was take engineer, or architect who is authorized that in the Comments area below.)			
G2. A community official completed Sect or Zone AO.	ion E for a building located in	Zone A (without a FEI	AA-issued or community-issued BFE)
G3. The following information (Items G4-	-G10) is provided for commur	nity floodplain manage	ment purposes.
G4. Permit Number	G5. Date Permit Issued	G6.	Date Certificate of Compliance/Occupancy Issued
G7. This permit has been issued for:	New Construction  Subs	tantial Improvement	
G8. Elevation of as-built lowest floor (including of the building:	g basement)	fee	et [] meters Datum
G9. BFE or (in Zone AO) depth of flooding at	the building site:	fee	et 🔲 meters Datum
G10. Community's design flood elevation:		fe	et meters Datum
Local Official's Name	Title		
Community Name	Tele	phone	
Signature	Date	}	
Comments (including type of equipment and loa	cation, per C2(e), if applicable	))	
			☐ Check here if attachments.

#### **BUILDING PHOTOGRAPHS**

### **ELEVATION CERTIFICATE**

See Instructions for Item A6.

OMB No. 1660-0008

Expiration Date: November 30, 2022

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 14421 Masthead Dr.			Policy Number:
City	State	ZIP Code	Company NAIC Number
Osprey	Florida	34229	

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.



Photo O

Photo One Caption (12/30/2022) Front View

Clear Photo One



Photo Two Caption (12/30/2022) Right Side View from Front

Clear Photo Two
Form Page 5 of 6

### **BUILDING PHOTOGRAPHS**

### **ELEVATION CERTIFICATE**

Continuation Page

OMB No. 1660-0008 Expiration Date: November 30, 2022

			· In the second
IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg, No.) or P.O. Route and Box No. 14421 Masthead Dr.			Policy Number:
City	State	ZIP Code	Company NAIC Number
Osprey	Florida	34229	

If submitting more photographs than will fit on the preceding page, affix the additional photographs below, Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8.



Photo Three Caption (12/30/2022) Rear View

Clear Photo Three



Photo Four Caption (12/30/2022) Left Side View from Front

Clear Photo Four

# **ADDITIONAL SHEET FOR PHOTOS**

PAGE 7

(12/30/2022) 3 Smart Vents Model #1540-520 on Left Side Garage Wall

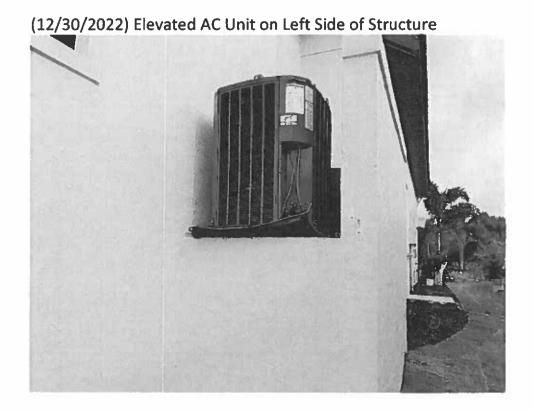


(12/30/2022) 2 Smart Vents Model #1540-520 on Right Side Garage Wall



# PAGE 8

# ADDITIONAL SHEET FOR PHOTOS





Most Widely Accepted and Trusted

ESR-2074

Revised 04/2021 This report is subject to renewal 02/2023.

# **ICC-ES Evaluation Report**

ICC-ES | (800) 423-6587 | (562) 699-0543 | www.icc-es.org

DIVISION: 08 00 00—OPENINGS

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

### REPORT HOLDER:

# SMART VENT PRODUCTS, INC.

# **EVALUATION SUBJECT:**

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514 **FLOOD VENT SEALING KIT #1540-526** 



"2014 Recipient of Prestigious Western States Seismic Policy Council (WSSPC) Award in Excellence"





ICC-ES Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. There is no warranty by ICC Evaluation Service, LLC, express or implied, as to any finding or other matter in this report, or as to any product covered by the report.



# **ICC-ES Evaluation Report**



### **ESR-2074**

Reissued February 2021 Revised April 2021 This report is subject to renewal February 2023.

www.icc-es.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

**DIVISION: 08 00 00—OPENINGS** 

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

**EVALUATION SUBJECT:** 

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514 FLOOD VENT SEALING KIT #1540-526

#### 1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2021, 2018, 2015, 2012, 2009 and 2006 International Building Code® (IBC)
- 2021, 2018, 2015, 2012, 2009 and 2006 International Residential Code® (IRC)
- 2021, 2018 International Energy Conservation Code<sup>®</sup> (IECC)
- 2013 Abu Dhabi International Building Code (ADIBC)<sup>†</sup>

The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

#### Properties evaluated:

- Physical operation
- Water flow

### **2.0 USES**

The Smart Vent® units are engineered mechanically operated flood vents (FVs) employed to equalize hydrostatic pressure on walls of enclosures subject to rising or falling flood waters. Certain models also allow natural ventilation.

#### 3.0 DESCRIPTION

#### 3.1 General:

When subjected to rising water, the Smart Vent® FVs internal floats are activated, then pivot open to allow flow in either direction to equalize water level and hydrostatic pressure from one side of the foundation to the other. The FV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to unlatch, allowing the door to rotate out of the way and allow flow. The water level stabilizes, equalizing the lateral forces. Each unit is

fabricated from stainless steel. Smart Vent® Automatic Foundation Flood Vents are available in various models and sizes as described in Table 1. The SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 units each contain two vertically arranged openings per unit.

#### 3.2 Engineered Opening:

The FVs comply with the design principle noted in Section 2.7.2.2 and Section 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)] for a maximum rate of rise and fall of 5.0 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, Smart Vent FVs must be installed in accordance with Section 4.0.

#### 3.3 Ventilation:

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with ¹/₄-inch-by-¹/₄-inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32 903 mm²) of net free area to supply natural ventilation. The SmartVENT® Stacking Model #1540-511 consists of two Model #1540-510 units in one assembly, and provides 102 square inches (65 806 mm²) of net free area to supply natural ventilation. Other FVs described in this report do not offer natural ventilation.

### 3.4 Flood Vent Sealing Kit:

The Flood Vent Sealing Kit Model #1540-526 is used with SmartVENT® Model #1540-520. It is a Homasote 440 Sound Barrier® (ESR-1374) insert with 21 – 2-inch-by-2-inch (51 mm x 51 mm) squares cut in it. See Figure 4.

#### 4.0 DESIGN AND INSTALLATION

#### 4.1 SmartVENT® and FloodVENT®:

SmartVENT® and FloodVENT® are designed to be installed into walls or overhead doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's instructions, the applicable code and this report. Installation clips allow mounting in masonry and concrete walls of any thickness. In order to compty with the engineered opening design principle noted in Section 2.7.2.2 and 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)], the Smart Vent® FVs must be installed as follows:

 With a minimum of two openings on different sides of each enclosed area



- With a minimum of one FV for every 200 square feet (18.6 m²) of enclosed area, except that the SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 must be installed with a minimum of one FV for every 400 square feet (37.2 m²) of enclosed area.
- Below the base flood elevation.
- With the bottom of the FV located a maximum of 12 inches (305.4 mm) above the higher of the final grade or floor and finished exterior grade immediately under each opening.

### 4.2 Flood Vent Sealing Kit

The Flood Vent Sealing Kit Model 1540-526 is used in conjunction with FloodVENT® Model #1540-520. When installed and tested in accordance with ASTM E283, the FV and Flood Vent Sealing Kit assembly have an air leakage rate of less than 0.2 cubic feet per minute per lineal foot (18.56 l/min per lineal meter) at a pressure differential of 1 pound per square foot (50 Pa) based on 12.58 lineal feet (3.8 lineal meters) contained by the Flood Vent Sealing Kit.

#### 5.0 CONDITIONS OF USE

The Smart Vent® FVs described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

5.1 The Smart Vent® FVs must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern. 5.2 The Smart Vent® FVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but are permitted for use in conjunction with breakaway walls in other areas.

### 6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015 (editorially revised February 2021).
- Test report on air infiltration in accordance with ASTM E283.

#### 7.0 IDENTIFICATION

- 7.1 The Smart VENT® models and the Flood Vent Sealing Kit described in this report must be identified by a label bearing the manufacturer's name (Smartvent Products, Inc.), the model number, and the evaluation report number (ESR-2074).
- 7.2 The report holder's contact information is the following:

SMART VENT PRODUCTS, INC. 430 ANDBRO DRIVE, UNIT 1 PITMAN, NEW JERSEY 08071 (877) 441-8368

www.smartvent.com info@smartvent.com

TABLE 1-MODEL SIZES

MODEL NAME	MODEL NUMBER	MODEL SIZE (in.)	COVERAGE (sq. ft.)
FloodVENT®	1540-520	15 <sup>3</sup> / <sub>4</sub> " × 7 <sup>3</sup> / <sub>4</sub> "	200
SmartVENT®	1540-510	15 <sup>3</sup> / <sub>4</sub> " X 7 <sup>3</sup> / <sub>4</sub> "	200
FloodVENT® Overhead Door	1540-524	15 <sup>3</sup> / <sub>4</sub> " X 7 <sup>3</sup> / <sub>4</sub> "	200
SmartVENT® Overhead Door	1540-514	15 <sup>3</sup> / <sub>4</sub> " X 7 <sup>3</sup> / <sub>4</sub> "	200
Wood Wall FloodVENT®	1540-570	14" X 8 <sup>3</sup> / <sub>4</sub> "	200
Wood Wall FloodVENT® Overhead Door	1540-574	14" X 8 <sup>3</sup> / <sub>4</sub> "	200
SmartVENT® Stacker	1540-511	16" X 16 <b>"</b>	400
FloodVent® Stacker	1540-521	16" X 16"	400

For SI: 1 inch = 25.4 mm; 1 square foot = m2

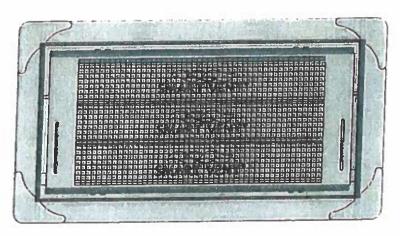


FIGURE 1-SMART VENT: MODEL 1540-510

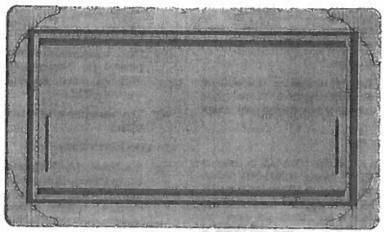


FIGURE 2—SMART VENT MODEL 1540-520

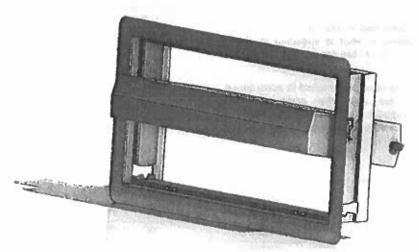


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

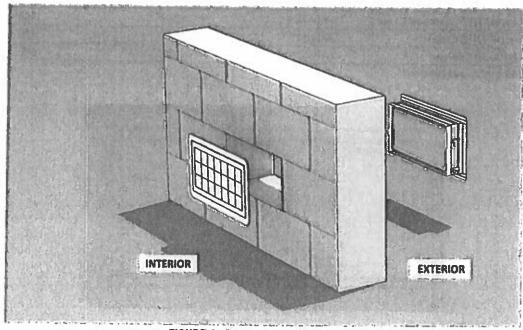


FIGURE 4—FLOOD VENT SEALING KIT



# **ICC-ES Evaluation Report**

# **ESR-2074 CBC and CRC Supplement**

Reissued February 2021

Revised April 2021

This report is subject to renewal February 2023.

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A Subsidiary of the International Code Council®

DIVISION: 08 00 00-OPENINGS

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

**EVALUATION SUBJECT:** 

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514 FLOOD VENT SEALING KIT #1540-526

#### 1.0 REPORT PURPOSE AND SCOPE

#### Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, described in ICC-ES evaluation report ESR-2074, have also been evaluated for compliance with codes noted below.

#### Applicable code editions:

2019 California Building Code (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) and Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

■ 2019 California Residential Code (CRC)

#### 2.0 CONCLUSIONS

#### 2.1 CBC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with 2019 CBC Chapter 12, provided the design and installation are in accordance with the 2018 International Building Code® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 12 and 16, as applicable.

#### 2.1.1 OSHPD:

The applicable OSHPD Sections and Chapters of the CBC are beyond the scope of this supplement.

### 2.1.2 DSA:

The applicable DSA Sections and Chapters of the CBC are beyond the scope of this supplement.

#### 2.2 CRC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with the 2019 CRC, provided the design and installation are in accordance with the 2018 International Residential Code® (IRC) provisions noted in the evaluation report.

This supplement expires concurrently with the evaluation report, reissued February 2021 and revised April 2021.





# **ICC-ES Evaluation Report**

# **ESR-2074 FBC Supplement**

Reissued February 2021 Revised April 2021 This report is subject to renewal February 2023.

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A Subsidiary of the International Code Council®

**DIVISION: 08 00 00—OPENINGS** 

Section: 08 95 43-Vents/Foundation Flood Vents

REPORT HOLDER:

SMART VENT PRODUCTS, INC.

**EVALUATION SUBJECT:** 

SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514 FLOOD VENT SEALING KIT #1540-526

#### 1.0 REPORT PURPOSE AND SCOPE

#### Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, described in ICC-ES evaluation report ESR-2074, have also been evaluated for compliance with the codes noted below.

#### Applicable code editions:

- 2020 Florida Bullding Code—Building
- 2020 Florida Building Code—Residential

#### 2.0 CONCLUSIONS

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the evaluation report ESR-2074, comply with the Florida Building Code—Building and the Florida Building Code-Residential, provided the design requirements are determined in accordance with the Florida Building Code-Building or the Florida Building Code-Residential, as applicable. The installation requirements noted in ICC-ES evaluation report ESR-2074 for 2018 International Building Code® meet the requirements of the Florida Building Code-Building or the Florida Building Code-Residential, as applicable.

Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the Florida Building Code—Building and the Florida Building Code—Residential.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the evaluation report, reissued February 2021 and revised April 2021.

