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 Matt Leonard and Kelly Thomas	Policy Number:		
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.#219 N. Clarendon Avenue	Company NAIC Number:		
City State City of Margate New Jersey	ZIP Code 08402		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Block 502.04 Lot 10			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential			
A5. Latitude/Longitude: Lat. 39.3364 Long74.4994 Horizontal Da	atum: ☐ NAD 1927 区 NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood in	surance.		
A7. Building Diagram Number7			
A8. For a building with a crawlspace or enclosure(s):			
a) Square footage of crawlspace or enclosure(s) sq ft			
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot ab	ove adjacent grade 5		
c) Total net area of flood openings in A8.b sq in			
d) Engineered flood openings? 🗵 Yes 🗌 No			
A9. For a building with an attached garage:			
a) Square footage of attached garage 0.00 sq ft			
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjace	ent grade 0		
c) Total net area of flood openings in A9.b 0.00 sq in			
d) Engineered flood openings?			
d) Engineered nood openings?			
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION			
B1. NFIP Community Name & Community Number CITY OF MARGATE & 345304 B2. County Name ATLANTIC COUNTY	B3. State New Jersey		
Number Date Effective/ Zone(s) Revised Date	Effective/ Zone(s) (Zone AO, use Base Flood Depth) Revised Date		
30 20 20 10			
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: ☐ FIS Profile X FIRM ☐ Community Determined ☐ Other/Source:			
B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 X NAVD 1988 Other/Source:			
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? 🗌 Yes 🕱 No			
Designation Date:			

OMB No. 1660-0008 Expiration Date: November 30, 2022 **ELEVATION CERTIFICATE** 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. Policy Number

#219 N. Clarendon Avenue	are, and or blug, 140.) or 1	.o. Notice and Box No.	1 Olloy	Number.
City City of Margate	State New Jersey	ZIP Code 08402	Compa	any NAIC Number
SECTION C – BUII	DING ELEVATION INF	ORMATION (SURVEY	REQUIRE	≣D)
 C1. Building elevations are based on: *A new Elevation Certificate will be required. C2. Elevations – Zones A1–A30, AE, AH, A (Complete Items C2.a–h below according Benchmark Utilized: private 	with BFE), VE, V1–V30, \ to the building diagram s	he building is complete. / (with BFE), AR, AR/A, /	AR/AE, AR	▼ Finished Construction /A1–A30, AR/AH, AR/AO. only, enter meters.
Indicate elevation datum used for the elev		nh) below.		
☐ NGVD 1929 ☒ NAVD 1988 Datum used for building elevations must l		for the REE		
Datam about 10 building dievations mast.	se the same as that used		Che	eck the measurement used.
a) Top of bottom floor (including baseme	nt, crawlspace, or enclos	ure floor)	7.4	★ feet
b) Top of the next higher floor			16.6	★ feet
c) Bottom of the lowest horizontal structu	ıral member (V Zones onl	y)	N/A	
d) Attached garage (top of slab)			N/A	
 e) Lowest elevation of machinery or equi (Describe type of equipment and locat 	pment servicing the build ion in Comments)	ing	12.2	⊠ feet ☐ meters
f) Lowest adjacent (finished) grade next	to building (LAG)		7.3	▼ feet
g) Highest adjacent (finished) grade next	to building (HAG)		7.6	
 h) Lowest adjacent grade at lowest eleva structural support 	ation of deck or stairs, incl	uding	7.5	
SECTION D - SU	RVEYOR, ENGINEER,	OR ARCHITECT CERT	IFICATIO	N
This certification is to be signed and sealed by I certify that the information on this Certificate statement may be punishable by fine or impris	represents my best effort	s to interpret the data available, Section 1001.	ailable. I ur	certify elevation information. Inderstand that any false
Were latitude and longitude in Section A provi	ded by a licensed land su	rveyor? 🗵 Yes 🗌 No	× ×	Check here if attachments.
Certifier's Name Paul M. Koelling, PLS, CFM	License Num NJ24GS 043			
Title Professional Land Surveyor		등 다른 10명 등 기능을 받는다. 사용자 등 기술 등 기술 기술 기술		
Company Name				Place
Paul Koelling & Associates NJ C.O.A. 24GA28	3256300			Seal
Address 2161 Shore Road sox-PHKsurvey@comcast.net			Here	
City Linwood	State New Jersey	ZIP Code 08221		
Signature	Date 1/2	Telephone (609) 927-0279	Ext.	
Copy all pages of this Elevation Certificate and all attachments for (1) community official, (2) insurance agent/company, and (3) building owner.				
Comments (including type of equipment and location, per C2(e), if applicable)				
*A8b.) Smart Vents Model #1540-520 engineered for 200 square inches of net area each				
***C2a.) enclosure with garage and entry (elev 7.4)elevator pit (elev 6.5)				
****C2e.) exterior air unit (elev 14.1)furnace (elev 14.1)water heater (elev 12.4)elevator equipment (elev 12.2)				

ELEVATION CERTIFICATE

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

IMPORTANT: In these spaces, copy the corresponding information	FOR INSURANCE COMPANY USE	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or #219 N. Clarendon Avenue	Policy Number:	
City State City of Margate New Jersey	ZIP Code 08402	Company NAIC Number
SECTION E – BUILDING ELEVATION INFO FOR ZONE AO AND ZON	PRMATION (SURVEY NOT IE A (WITHOUT BFE)	REQUIRED)
For Zones AO and A (without BFE), complete Items E1–E5. If the Certificomplete Sections A, B,and C. For Items E1–E4, use natural grade, if a enter meters.	ficate is intended to support a vailable. Check the measure	a LOMA or LOMR-F request, ement used. In Puerto Rico only,
E1. Provide elevation information for the following and check the appro the highest adjacent grade (HAG) and the lowest adjacent grade (L a) Top of bottom floor (including basement,	priate boxes to show whethe _AG).	er the elevation is above or below
crawlspace, or enclosure) is		rs above or below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is	feet	
E2. For Building Diagrams 6–9 with permanent flood openings provided	d in Section A Items 8 and/or	9 (see pages 1–2 of Instructions).
the next higher floor (elevation C2.b in the diagrams) of the building is		44 4 <u>1 -</u> 14 14 4 4 <u>11</u> 4 4 4 14 14 14 14
E3. Attached garage (top of slab) is	feet	rs above or below the HAG.
E4. Top of platform of machinery and/or equipment servicing the building is		rs
E5. Zone AO only: If no flood depth number is available, is the top of th floodplain management ordinance? Yes No Unknown		cordance with the community's certify this information in Section G.
SECTION F - PROPERTY OWNER (OR OWNE	R'S REPRESENTATIVE) CI	FRTIFICATION
ODOTTON I TOTAL OTTON		
The preparty supporter supports sutherized representative who complete	- Castiana A D and E for 7	^ /thata FFN// !aarrad or
The property owner or owner's authorized representative who complete community-issued BFE) or Zone AO must sign here. The statements in	s Sections A, B, and E for Zo Sections A, B, and E are co	one A (without a FEMA-issued or rect to the best of my knowledge.
The property owner or owner's authorized representative who completes community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name	s Sections A, B, and E for Zo Sections A, B, and E are co	one A (without a FEMA-issued or rect to the best of my knowledge.
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name	Sections A, B, and E are con	one A (without a FEMA-issued or rect to the best of my knowledge.
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address	Sections A, B, and E are con	rect to the best of my knowledge.
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code
community-issued BFE) or Zone AO must sign here. The statements in Property Owner or Owner's Authorized Representative's Name Address Signature	Sections A, B, and E are con	rect to the best of my knowledge. ate ZIP Code

ELEVATION CERTIFICATE

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

MPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE	
Building Street Address (including Apt., Unit, \$ #219 N. Clarendon Avenue	Suite, and/or Bldg. No.) or	P.O. Route and Box No.	Policy Number:	
City	State	ZIP Code	Company NAIC Number	
City of Margate	New Jersey	08402		
SECTI	ION G - COMMUNITY IN	FORMATION (OPTIONAL)		
The local official who is authorized by law or of Sections A, B, C (or E), and G of this Elevation used in Items G8–G10. In Puerto Rico only, e	on Certificate. Complete the	e community's floodplain ma e applicable item(s) and sig	anagement ordinance can complete n below. Check the measurement	
G1. The information in Section C was ta engineer, or architect who is authori data in the Comments area below.)	ken from other documenta ized by law to certify elev <i>a</i>	ation that has been signed a ation information. (Indicate th	and sealed by a licensed surveyor, ne source and date of the elevation	
G2. A community official completed Second Zone AO.	tion E for a building locate	ed in Zone A (without a FEM	1A-issued or community-issued BFE)	
G3. The following information (Items G4	-G10) is provided for com	nmunity floodplain managem	nent purposes.	
G4. Permit Number	G5. Date Permit Issued		Date Certificate of Compliance/Occupancy Issued	
G7. This permit has been issued for:	☐ New Construction ☐ Ṣ	Substantial Improvement		
G8. Elevation of as-built lowest floor (including of the building:	ng basement)	fee	t meters Datum	
G9. BFE or (in Zone AO) depth of flooding at	the building site:	fee	t meters Datum	
G10. Community's design flood elevation:		fee	t meters Datum	
Community Name MALGATE Signeture	and and least	Title	<i>FM</i>	
Community Name	est surfice	Telephone		
MARGATE		609 -	FM -822-1974	
Signature		Date	2/14/28	
Comments (including type of equipment and lo	ocation per C2(e) if applic	cable)	0/17/26	
The state of the s		345.0)		
			Check here if attachments.	



Most Widely Accepted and Trusted

ICC-ES Evaluation Report

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

ESR-2074

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

DIVISION: 08 00 00—OPENINGS

SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

REPORT HOLDER:

east 1 1 197

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"

A Subsidiary of



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® (IECC)
- 2013 Abu Dhabi International Building Code (ADIBC)†

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 comply 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).
- 6.2 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	15³/₄" X 7³/₄"	200
SmartVENT®	1540-510	15 ³ / ₄ " X 7 ³ / ₄ "	200
FloodVENT® Overhead Door	1540-524	15 ³ / ₄ " X 7 ³ / ₄ "	200
SmartVENT® Overhead Door	1540-514	15 ³ / ₄ " X 7 ³ / ₄ "	200
Wood Wall FloodVENT®	1540-570	14" X 8 ³ /4"	200
Wood Wall FloodVENT® Overhead Door	1540-574	14" X 8 ³ / ₄ "	200
SmartVENT® Stacker	1540-511	16" X 16"	400
FloodVent® Stacker	1540-521	16" X 16"	400

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

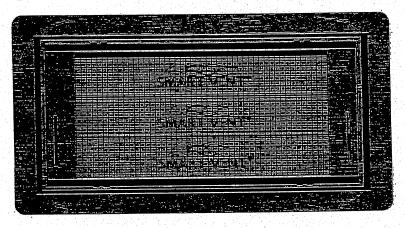


FIGURE 1-SMART VENT: MODEL 1540-510

 \mathcal{F}_{ij}

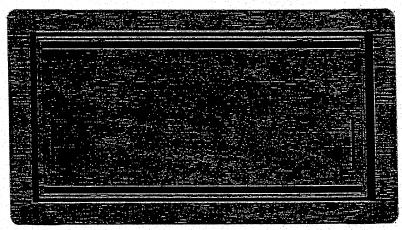


FIGURE 2—SMART VENT MODEL 1540-520

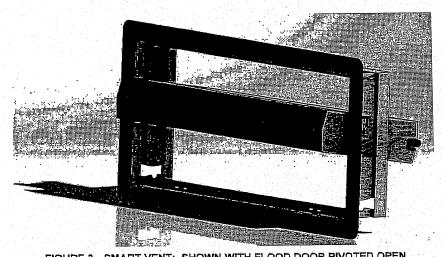


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

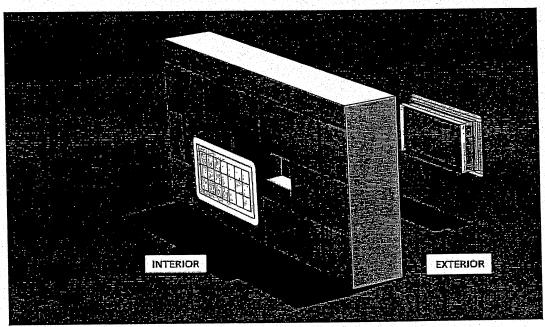


FIGURE 4-FLOOD VENT SEALING KIT



ICC-ES Evaluation Report

ESR-2074 CBC and CRC Supplement

Reissued February 2021 Revised April 2021

This report is subject to renewal February 2023.

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; #1540-511; #1540-511; #1540-514; #1540-526; #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.

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; #1540-511; #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 Building 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.



Building Photographs

See Instructions for Item A6.			For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg.) No. or P.O. Route and Box No. #219 N. Clarendon Avenue			Policy Number
City	State	ZIP Code	Company NAIC Number
Margate	NJ	08226	

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two 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." If submitting more photographs than will fit on this page, use the Continuation Page on the reverse.





Front View – Date of Photograph: (See Photo Stamp)

Rear View – Date of Photograph: (See Photo Stamp)





Right Side View – Date of Photograph: (See Photo Stamp)

Vent View – Date of Photograph: (See Photo Stamp)