U.S. DEPARTMENT OF HOMELAND SECURITY Federal Emergency Management Agency National Flood Insurance Program



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

CAD-20.01334

ELEVATION CERTIFICATE

Important: Follow the instructions on pages 1-9

50,905

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: Taylor Morrison of Florida Inc Building Street Address (including Apt., Unit, Suite, and/or Bldg, No.) or P.O. Route and Company NAIC Number Box No 2523 Coral Ct City State ZIP Code Indian Rocks Beach FL 33785 A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 17 Walk at Indian Rocks Beach PB 144 (Pgs 23-24) Permit # CBP-20-01334 A4 Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential - Unit in Attached Townhome Latitude/Longitude: Lat. Horizontal Datum: NAD 1927 X NAD 1983 N27°54'27.3" Long, W82°50'46.3" Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance. A7. Building Diagram Number A8. For a building with a crawlspace or enclosure(s) a) Square footage of crawlspace or enclosure(s) 702 sq ft b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 8 c) Total net area of flood openings in A8 b 1792 d) Engineered flood openings? X Yes No A9. For a building with an attached garage a) Square footage of attached garage N/A b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A c) Total net area of flood openings in A9 b N/A sq in d) Engineered flood openings? Yes X No SECTION B = FLOOD INSURANCE RATE MAP (FIRM) INFORMATION B1. NFIP Community Name & Community Number **B2. County Name** B3 State City of Indian Rocks Beach 125117 Pinellas County FL B4. Map/Panel B5 Suffix B6. FIRM Index B7. FIRM Panel 88. Flood Zone(s) B9. Base Flood Elevation(s) Number (Zone AO, use Base Flood Depth) Date Effective/ Revised Date 12103C0111 Н 08/24/2021 08/24/2021 ΑE 8.41 B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. ▼ FIS Profile FIRM Community Determined Other/Source

Designation Date:

N/A

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Types | X | No

B11 Indicate elevation datum used for BFE in Item B9 NGVD 1929 X NAVD 1988 Other/Source

CBRS OPA

ELEVATION CERTIFICATE

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

| | | | | FOR INSURANCE COMPANY USE | | | |
|---|--|---|----------------|---------------------------|----------------------|-------------------|--|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. Policy Number: 2523 Coral Ct | | | | | | | |
| City | Coral Ct | State | ZIP Code | | Company NAIC N | umbor | |
| • | n Rocks Beach | FL | 33785 | ١٢ | ompany NAIC N | uniber | |
| IIIdia | | | | VEX DEC | AUDED) | | |
| - | | ILDING ELEVATION IN | | | <u> </u> | | |
| | | Construction Drawings* | Building Under | | ion* 🔀 Finish | ed Construction | |
| | *A new Elevation Certificate will be requ | | | | E AD/A1 A20 A | DIALL ADIAC | |
| | C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters. Benchmark Utilized: Box in GI @ NE Com Lot 4 Elev = 4.01' Vertical Datum: NAVD 1988 | | | | | | |
| | Indicate elevation datum used for the el | evations in items a) throug | h h) below. | | | | |
| | NGVD 1929 X NAVD 1988 | Other/Source: | · | | | | |
| | Datum used for building elevations mus | t be the same as that used | for the BFE. | | Check the me | asurement used. | |
| | a) Top of bottom floor (including basen | nent, crawlspace, or enclos | sure floor)6 | . 2 | X feet | meters | |
| | b) Top of the next higher floor | | 16 | . 4 | X feet | meters | |
| | c) Bottom of the lowest horizontal struc | ctural member (V Zones or | nly) N/A | L | feet | meters | |
| İ | d) Attached garage (top of slab) | | | | feet | meters | |
| | e) Lowest elevation of machinery or ed (Describe type of equipment and loo | uipment servicing the build ation in Comments) | ding14 | . 4 | (X) feet | meters | |
| | f) Lowest adjacent (finished) grade ne | xt to building (LAG) | 5 | . 0 | X feet | meters | |
| | g) Highest adjacent (finished) grade ne | ext to building (HAG) | 5 | . 9 | | meters | |
| | h) Lowest adjacent grade at lowest ele structural support | vation of deck or stairs, in | cluding N/A | L· | | meters | |
| - | | URVEYOR ENGINEER | OR ARCHITECT O | ERTIFIC | ATION | | |
| SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001. | | | | | | | |
| Wer | re latitude and longitude in Section A pro | ovided by a licensed land s | urveyor? 🗵 Yes | No | X Check here | e if attachments. | |
| Cer | tifier's Name | License Nu | mber | | | | |
| | ott R. Fowler | LS5185 | | | ļ | Λ | |
| Title | | | | | | Co- | |
| | ofessional Surveyor and Mapper npany Name | | | | ા તી | ندر | |
| ı | npany Name ndmark Engineering & Surveying Co | | | | 1 | | |
| | lress | ap. | | | 11:32 | | |
| 1 | 15 Palm River Road | | | | \ \(\ilde{\longle}\) | | |
| City | | State | ZIP Code | #1 1/2-1- | 0_ = _ | 127/12 | |
| Tai | mpa | FL | 33619 | | LS5185 / | 2/27/2021 | |
| Sign | nature LAR Duck | Date | Telephone | е | | | |
| | 7/-000 | 12-27-202 | | | | | |
| 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) Not valid without the original signature and seal of a Florida Registered Surveyor and Mapper or Electronic equivalent. Date of Field Work: 10/14/2021. Latitude and Longitude obtained with a hand held GPS device. The equipment referenced in C2e is the air conditioner, located outside the structure, along the left side wall. The total net area of flood openings in A8c is calculated as follows: 3 Smart Vent Insulated Flood Vents (model 1540-520) in the enclosure walls each certified to handle 200 square feet, 3 non engineered vents in an enclosure wall each measuring 16" x 16.5" and 2 Smart Vent Insulated Flood Vents (model 1540-524) in the enclosure overhead door each certified to handle 200 square feet. Attachment: ICC-ES Elevation Report ESR-2074. Attachment: Page 4-6 of "Managing Floodplain Development Through the National Flood Insurance Program" (Unit 4 Using NFIP Studies and Maps). Permit issued under previous Flood Insurance Rate Map, 12103C0111G, dated 8-18-2009 (Base Flood Elevation 11.4' NAVD 1988) per FIS Profile. | | | | | | | |

OMB No. 1660-0008

ELEVATION CERTIFICATE Expiration Date: November 30, 2022 IMPORTANT: In these spaces, copy the corresponding information from Section A. FOR INSURANCE COMPANY USE Juilding Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. Policy Number: 2523 Coral Ct City State ZIP Code Company NAIC Number Indian Rocks Beach FL 33785 SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE) For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used, In Puerto Rico only. enter meters. E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG). a) Top of bottom floor (including basement, crawispace, or enclosure) is b) Top of bottom floor (including basement, crawlspace, or enclosure) is feet meters above or below the LAG. E2. For Building Diagrams 6-9 with permanent flood openings provided 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 feet meters above or below the HAG. E3. Attached garage (top of slab) is feet meters above or below the HAG. E4. Top of platform of machinery and/or equipment servicing the building is — ☐ feet ☐ meters ☐ above or ☐ below the HAG. E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Tyes Do Unknown. The local official must certify this information in Section G. SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge. Property Owner or Owner's Authorized Representative's Name Address City State ZIP Code Signature Date Telephone Comments

Check here if attachments.

ELEVATION CERTIFICATE

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

| MPQRIANI: in these spaces, copy the | corresponding information | trom Section A. | FOR INSURANCE COMPANY USE | | | |
|--|--|--------------------------------|--|--|--|--|
| Building Street Address (Including Apt., Ur 2523 Coral Ct | nit, Suite, and/or Bldg. No.) o | r P.O. Route and Box No. | Policy Number: | | | |
| | State | ZIP Code | O NAIGN I | | | |
| City | | 33785 | Company NAIC Number | | | |
| Indian Rocks Beach | FL | | | | | |
| SE | CTION G - COMMUNITY IN | IFORMATION (OPTIONAL) | | | | |
| The local official who is authorized by law Sections A, B, C (or E), and G of this Elevused in Items G8–G10. In Puerto Rico on | ation Certificate. Complete ti y, enter meters. | he applicable item(s) and sign | n below. Check the measurement | | | |
| engineer, or architect who is aul data in the Comments area belo | The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.) | | | | | |
| G2. A community official completed or Zone AO. | Section E for a building local | ted in Zone A (without a FEM | A-issued or community-issued BFE) | | | |
| G3. The following information (Items | G4-G10) is provided for con | mmunity floodplain managem | ent purposes. | | | |
| G4. Permit Number | G5. Date Permit Issu | | Date Certificate of Compliance/Occupancy Issued | | | |
| G7. This permit has been issued for: | New Construction | Substantial Improvement | 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | |
| G8. Elevation of as-built lowest floor (incofine of the building: | luding basement) | [] fee | t | | | |
| G9. BFE or (in Zone AO) depth of flooding | ng at the building site: | fee | t 🔲 meters Datum | | | |
| G10. Community's design flood elevation: | | fee | t 🗌 meters Datum | | | |
| Local Official's Name | al Constitution of the con | Title | | | | |
| Community Name | | Telephone | | | | |
| Signature | | Date | | | | |
| Comments (including type of equipment a | nd location, per C2(e), if app | licable) | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | 2. | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 10.00 | | | 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 | FOR INSURANCE COMPANY USE Policy Number: | | |
|---|--|----------|---------------------|
| Building Street Address (including Apt , Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 2523 Coral Ct | | | |
| City | State | ZIP Code | Company NAIC Number |
| Indian Rocks Beach | FL | 33785 | 1 |

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 One Caption

Front View 11/02/2021



Photo Two Caption

Rear View 11/02/2021

BUILDING PHOTOGRAPHS

ELEVATION CERTIFICATE

Continuation Page

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

| IMPORTANT: In these spaces, copy t | FOR INSURANCE COMPANY USE | | |
|--|---------------------------|----------|---------------------|
| Building Street Address (including Apt., 2523 Coral Ct | Policy Number: | | |
| City | State | ZIP Code | Company NAIC Number |
| Indian Rocks Beach | FL | 33785 | |

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.



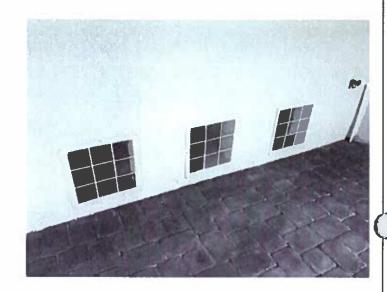


Photo One Caption

Garage Door Vents + Rear Wall Vents 11/2/2021





Photo Two Caption

Foyer Vents + Wall Vent 11/02/2021

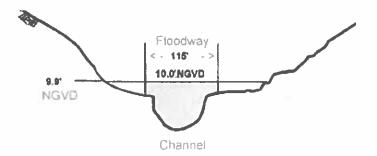


Figure 4-3: Representation of cross-section A of the Rocky River

The area of the floodway here is 1,233 square feet. This is the cross sectional area of the floodway below the elevation of the base flood at this location (the shaded area of Figure 4-3). It is used to determine water velocity. The average or mean velocity of the base flood in the floodway is 6.1 feet per second.

Of the last four columns under "Base Flood Water Surface Elevation," you should be concerned only with the first one, "Regulatory," which provides the regulatory flood elevation. This is equivalent to the 100-year flood elevation or BFE. The other columns depict the increase in water-surface elevation if the floodplain is encroached upon so that the water-surface elevation is increased no more than 1 foot. This amount of encroachment is used to define the floodway width. Notice that at no cross section is the increase more than 1.0 foot, in accordance with NFIP standards.

COASTAL AND LAKE ELEVATIONS

Coastal flood elevations. Table 4, Transect Descriptions, on page 12 in the FIS report for Flood County, shows the stillwater elevations and the maximum wave crest elevations of 100-year flood events along the coast.

Coastal regulatory flood elevations include the increase due to wave height. Therefore, use the BFE from the FIRM, not the stillwater elevations in the table.

The base flood elevations on the FIRM are rounded to the nearest foot, which means that if a base flood elevation was actually 8.3 feet, it would show as 8 feet on the FIRM. To correct for this, the recommended rule of thumb is to add 0.4 foot to the rounded BFE on the FIRM. This makes sure that the regulatory elevation you use will be high enough.

For the coast, use the base flood elevation from the FIRM (plus 0.4 foot), not the table.

Lake flood elevations. On inland lakes and reservoirs, the FIS generally does not include the effects of waves. For these areas, information on base flood elevations is contained in Section 3.0 of the FIS report, and data is presented in a table titled Summary of Stillwater Elevations. Note that in this table the BFE is shown to the nearest one-tenth



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ICC-ES Evaluation Report

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ESR-2074

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

DIVISION: 08 00 00—OPENINGS
SECTION: 08 95 45— 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



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ICC-ES Evaluation Report

ESR-2074

Reissued February 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 EVALUATION SCOPE

Compliance with the following codes:

- 2018, 2015, 2012, 2009 and 2006 International Building Code[®] (IBC)
- 2018, 2015, 2012, 2009 and 2006 International Residential Code[®] (IRC)
- 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 recognized 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 Vent⁸ 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 October 2017).
- 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 recognized 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 | $15^3/_4$ " $\times 7^3/_4$ " | 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

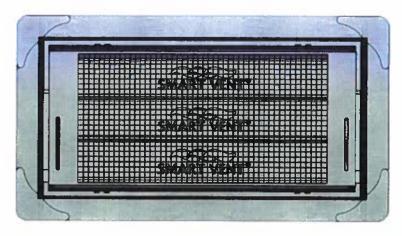


FIGURE 1-SMART VENT: MODEL 1540-510

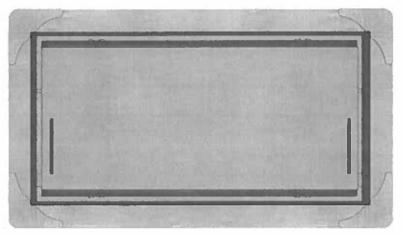


FIGURE 2—SMART VENT MODEL 1540-520

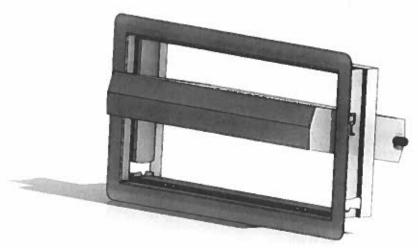


FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

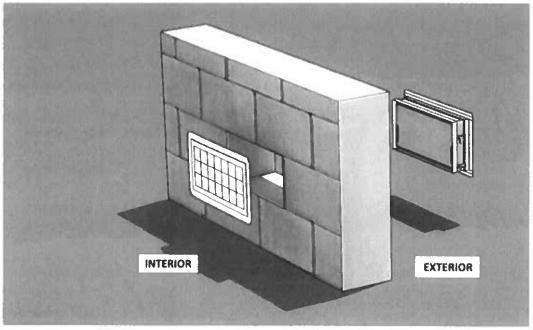


FIGURE 4—FLOOD VENT SEALING KIT



ICC-ES Evaluation Report

ESR-2074 CBC and CRC Supplement

Reissued February 2021

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; #1540-511; #1540-510; #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 edition:

- 2016 California Building Code (CBC)
- 2016 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 2016 CBC Chapter 12, provided the design and installation are in accordance with the 2015 *International Building Code*® (IBC) provisions noted in the evaluation report and the additional requirements of CBC Chapters 12, 16 and 16A, as applicable.

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 2016 CRC, provided the design and installation are in accordance with the 2015 *International Residential Code** (IRC) provisions noted in the evaluation report.

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





ICC-ES Evaluation Report

ESR-2074 FBC Supplement

Reissued February 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:

- 2017 Florida Building Code—Building
- 2017 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 FRC, provided the design and installation are in accordance with the 2015 International Building Code® provisions noted in the evaluation report.

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 9N-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.



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