



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

James Hardie Building Product, Inc.
10901 Elm Avenue
Fontana, CA 92337

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Reveal® Fiber Cement Siding Panels

APPROVAL DOCUMENT: Drawing No. REVEAL NOA, titled "Reveal® Panel Installation", sheets 1 thru 3 of 3, dated 09/01/2022, prepared by James Hardie Building Product, Inc., signed and sealed by V. Andrew Tan, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series and following statements: "ASTM C1186, Type A compliant" and "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA 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 NOA **renews NOA # 20-0730.04** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



NOA No. 22-0810.05
Expiration Date: December 7, 2027
Approval Date: September 29, 2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 17-0406.07

A. DRAWINGS

1. Drawing No. REVEAL NOA, titled "Reveal® Panel Installation", sheets 1 thru 3 of 3, dated 07/21/2017 and 07/17/2017, prepared by James Hardie Building Product, Inc., signed and sealed by R. I. Ogawa, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of James Hardie Building Products, Inc. Artisan Bevel Channel Fiber Cement Siding, prepared by Intertek, Test Report No. **102761825COQ-005**, dated 12/19/2016, with revision dated 08/16/2017, signed and sealed by Gary T. Hartman, P.E.
2. Test report on Standard Specification for Discrete Non-Asbestos Fiber-Cement Interior Substrate Sheets per ASTM C1288-99 and Standard Specification for Flat Fiber-Cement Sheets per ASTM C1186-08 of HardieReveal2.0™ Panels, prepared by Intertek, Test Report No. **101505709COQ-002**, dated 07/30/2014, signed by Chris Chang.
3. Test report on Surface Burning Characteristics per ASTM E84-13a of Hardie Reveal2.0™ Panels, prepared by Intertek, Test Report No. **101505709COQ-003**, dated 06/20/2014, signed and sealed by Greg Philp.
4. Test report on Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C of James Hardie Building Products Artisan D4 Siding, per ASTM E136-04, prepared by Ramtech Laboratories, Test Report No. **3733-16-04 (B)**, dated 05/18/2016, signed by Steven Berggren.

C. CALCULATIONS

1. Anchoring verification calculations prepared by R. I. Ogawa & Associates, Inc., dated 07/29/2017, signed and sealed by R. I. Ogawa, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 5th Edition (2014) and 6th Edition (2017) FBC issued by R. I. Ogawa & Associates, Inc, dated 07/29/2017, signed and sealed by R. I. Ogawa, P.E.
2. Statement letter of no financial interest issued by R. I. Ogawa & Associates, Inc, dated 07/29/2017, signed and sealed by R. I. Ogawa, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 22-0810.05

Expiration Date: December 7, 2027
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2. Evidence submitted under NOA # 20-0730.04

A. DRAWINGS

1. Drawing No. REVEAL NOA, titled "Reveal® Panel Installation", sheets 1 thru 3 of 3, dated 09/29/2020, prepared by James Hardie Building Product, Inc., signed and sealed by V. Andrew Tan, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 7th Edition (2020) of the FBC and of no financial interest issued by Construction Applied Engineering, dated 07/22/2020, signed and sealed by V. Andrew Tan, P.E.



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Product Control Examiner
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

1. Drawing No. REVEAL NOA, titled "Reveal® Panel Installation", sheets 1 thru 3 of 3, dated 09/01/2022, prepared by James Hardie Building Product, Inc., signed and sealed by V. Andrew Tan, P.E.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of code conformance to the 7th Edition (2020) of the FBC and of no financial interest issued by Construction Applied Engineering, dated 07/29/2022, signed and sealed by V. Andrew Tan, P.E.



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PRODUCT DESCRIPTION

Reveal® Panel Siding materials are non-abestos fiber cement panel products comply with ASTM C1186 Grade II, Type A and meet the requirements of Florida Building Code.

PRODUCT DIMENSIONS

Width: 4 ft.; Length: 8 ft.; Thickness: $\frac{7}{16}$ in.

PANEL FASTENING CONFIGURATION #1 (Design Pressure = -70 psf)

- #8 bugle head screws by 1.625" long by 0.390" head diameter
- Countersunk installation with fastener head to be 1-1.5 mm below the panel surface.
- Installed at 12" O.C. to furring, which is 16" O.C.

PANEL FASTENING CONFIGURATION #2 (Design Pressure = -103 psf)

- #10-12 button head screws by 1.5" long by 0.472" head diameter
- Installed with exposed head at 12" O.C. to furring, which is 16" O.C.

IMPACT RESISTANT

Panel installed over $\frac{5}{8}$ " thick 5-play APA rated plywood sheathing supported by 2x wood studs or 2x6 18ga. metal studs. at 16" o.c.

WALL FRAMING

- Nominal 2x4 SPF (S.G.=0.42) wood studs or 2x6 18 ga. (Grade 33) metal studs at 16" O.C.
- The wall frame shall be designed by the architect or engineer of record in compliance with the Florida Building Code.

SHEATHING

- Nominal $\frac{5}{8}$ " thick 5-ply APA rated plywood sheathing fastened to wood framing members in accordance with Florida Building Code Section 2322.3.

FURRING

- Nominal 1x4 wood furring spaced vertically at 16" o.c. Wood furring shall be preservative treated per AWPA.
- Wood furring shall be attached to framing members by #10 screw at 6" o.c. For wood framing, use screws with minimum length of 2-1/4". For steel framing, screws must penetrate the steel members by at least 3 threads.
- Alternative fastening schedule or furring material shall be designed by the architect or engineer of record in compliance with the Florida Building Code.

REVEAL PANEL INSTALLATION DETAILS

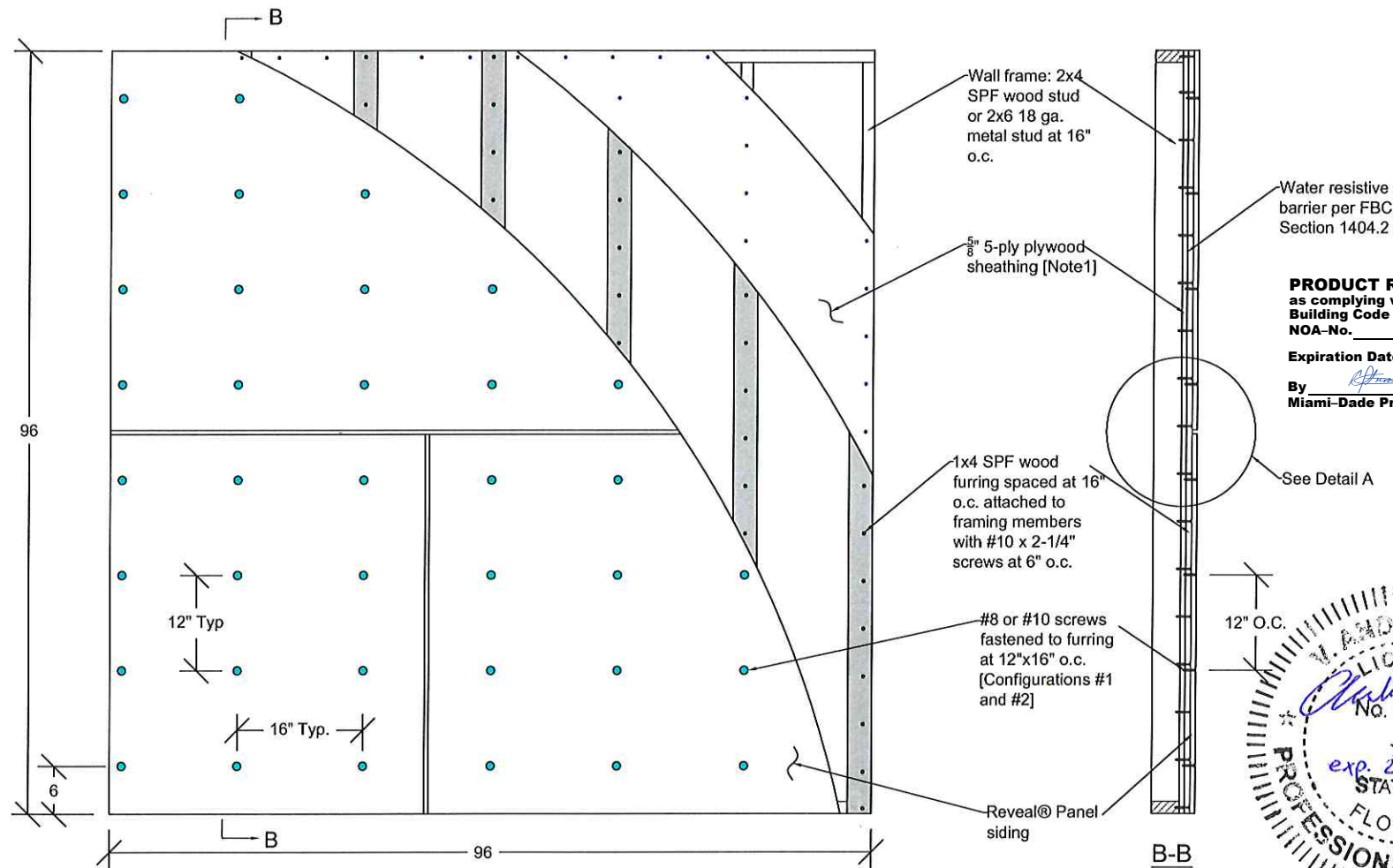
- All installation shall be done in conformance with this Notice of Acceptance, the manufacturers's installation recommendations, and the applicable sections of the Florida Building Code.
- Wood or steel frames where Reveal® Panel will be installed shall be designed by an Engineer or Architect per the Florida building Code and the requirement of this N.O.A.
- **[Note 1]** $\frac{5}{8}$ " thick 5-ply APA rated plywood sheathing shall be attached to the wood framing members in accordance with Florida Building Code Section 2322.3.
- **[Note 2]** 1x4 SPF wood furring at 16" spacing and attached to wood framing members by #10 x 2-1/4" screws at 6" o.c. Alternative fastening schedule or furring material be designed by an Engineer or Architect per the requirement of Florida Building Code.
- **[Note 3]** Choices of two fasteners attached to furring at 12" x 16" o.c. in accordance with Configurations #1 and #2.
- Fasteners shall have a minimum edge distance of $\frac{3}{4}$ " and a minimum clearance of 2" from corners.
- The provisions for diaphragm action and gravity load are not part of this approval (must be provide alternative provisions for these loads).



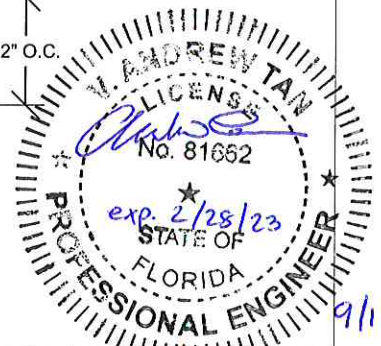
PRODUCT RENEWED
as complying with the Florida
Building Code
NOA-No. 22-0810.05
Expiration Date 12/07/2027
By *[Signature]*
Miami-Dade Product Control

[Signature]
9/1/22

Created by Pingsheng Zhu	Checked by [Signature]	Approved by [Signature] - date	Filename	Date Sept 01, 2022	Scale
James Hardie Building Products 10901 Elm Avenue, Fontana, CA 92337			Reveal® Panel Installation		
			DWG No. REVEAL NOA-1	Rev 2	Sheet 1 of 3



PRODUCT RENEWED
as complying with the Florida
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Expiration Date 12/07/2027
By *R. J. [Signature]*
Miami-Dade Product Control



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James Hardie Building Products 10901 Elm Avenue, Fontana, CA 92337			Reveal® Panel Installation		
DWG No. REVEAL NOA-2		Rev 2	Sheet 2 of 3		

Water resistive barrier
per FBC Section 1404.2

5/8" 5-ply APA rated plywood
sheathing attached to frame
per Florida Building Code
[Note 1]

Wood furring attached to
framing members with #10 x
2-1/4" screws at 6" o.c.

Wall frame: 2x4
SPF wood stud or
2x6 18 ga. metal
stud at 16" o.c.

Countersunk or exposed
screw attached to furring
[Configurations #1 & #2]

Reveal® Panel

Drainage
flashing or trim

1x4 SPF Wood
Furring [Note 2]

Detail A

PRODUCT RENEWED
as complying with the Florida
Building Code

NOA-No. 22-0810.05

Expiration Date 12/07/2027

By *[Signature]*
Miami-Dade Product Control



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James Hardie Building Products 10901 Elm Avenue, Fontana, CA 92337			Reveal® Panel Installation		
DWG No. REVEAL NOA-3		Rev 2	Sheet 3 of 3		