

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

NOTICE OF ACCEPTANCE (NOA)

RE-STRUCTURE GROUP, LLC (USA) 15 Applegreen Drive Old Westbury, NY 11568

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "RSG 3-D" Structural Panel System

APPROVAL DOCUMENT: Drawing No. 05-070, titled "RSG 3-D Structural Panel Details", sheets 1 through 12 of 12, prepared by PVE, LLC, dated April 23, 2025, signed and sealed by Jeremy Scott Urban, P.E., on April 23, 2025 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "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 revises & renews NOA #21-1028.04 and consists of this page 1, evidence submitted pages E-1, E-2, E-3 & E-4 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



He GA. Mehr 05/08/25

NOA No 25-0421.03 Expiration Date: 03/05/2030 Approval Date: 05/08/2025 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #94-1006.01

A. DRAWINGS

1. Drawing prepared by Roger C. Purcell, P.E. titled "Insteel 3-D Wall Panel Details" dated April 10, 1995, sheets 1 through 7 of 7, signed and sealed by Roger C. Purcell, P.E.

B. TESTS

1. Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test of "Insteel Wall Panel System", prepared by Construction Research Laboratory, Inc., Report #6112, dated September 18, 1994, signed and sealed by Vipin Tolat, P.E.

C. CALCULATIONS

1. Calculations dated January 13, 1995, prepared by Roger C. Purcell, P.E., signed and sealed by Roger C. Purcell, P.E.

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #98-0610.06

A. DRAWINGS

- 1. Drawing prepared by Roger C. Purcell, P.E. titled "ICS 3-D Wall Panel Details" dated April 10, 1995, sheets 1 through 7 of 7, signed and sealed by Roger C. Purcell, P.E.
- 2. Drawings prepared by Roger C. Purcell, P.E. titled "Standard 3-D Section; Minimum 3-D Section; Maximum 3-D Section; 2-hr Rated 3-D Section; Allowable Wind Loads on ICS 3-D Panels" dated January 13, 1995, revised August, 1989, sheets 1 through 5 of 5, signed and sealed by Roger C. Purcell, P.E.

B. TESTS

1. None.

- C. CALCULATIONS
 - 1. None.

D. MATERIAL CERTIFICATIONS

1. None.

E. STATEMENTS

- 1. Letter from ICS Panel Works, Inc., stating that the product has not changed since it was originally approved, only the name of manufacturer has changed from Insteel Construction Systems, Inc. to ICS 3-D Panel Works, Inc., dated June 8, 1998.
- 2. Letter from Pruitt & Purcell, P.C., stating that they are still in the engineering business, dated June 8, 1998.

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. OTHER

- 1. This file renews file No 94-1006.01.
- 2. National Research Council of Canada Approval
- 3. Government of the Virgin Islands of the U.S. Approval
- 4. Texas Department of Insurance Approval
- 5. City of Philadelphia Approval
- 6. Department of Public Safety and Corrections, State of Louisiana Approval
- 7. Department of Housing and Urban Development Approval
- 8. NES Evaluation Services, Inc. Evaluation Report.

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #01-0614.07

A. DRAWINGS

1. None.

B. TESTS

1. None.

- C. CALCULATIONS
 - 1. None.
- **D.** MATERIAL CERTIFICATIONS 1. None.

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #05-0630.01

A. DRAWINGS

1. Drawing No. 05-070, titled " EVG-3D Panels", sheets 1 through 12 of 12, prepared by Tobias West Structural Engineers, dated October 20, 2005, signed and sealed by Eric W. Tobias, P.E.

B. TESTS

1. None.

- C. CALCULATIONS
 - 1. None.

D. QUALITY ASSURANCE

- 1. By Miami-Dade County Building Code Compliance Office.
- E. MATERIAL CERTIFICATIONS
 - 1. None.

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #06-0412.05

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #19-0829.03

A. DRAWINGS

1. Drawing No. 05-070, titled "RSG 3-D Structural Panel Details", sheets 1 through 12 of 12, prepared by PVE, LLC, dated January 17, 2020, signed and sealed by Jeremy Scott Urban, P.E., on February 07, 2020.

B. TESTS

1. None.

- C. CALCULATIONS
 - 1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

- 1. Letter from PVE, LLC, dated December 16, 2019, signed and sealed by Jeremy Scott Urban, P.E., stating that this product is in compliance with the Florida Building Code, 2017 Edition.
- 2. Sales of asset purchase agreement.

Helmy A. Makar, P. E. Product Control Section Supervisor NOA No 25-0421.03 Expiration Date: 03/05/2030 Approval Date: 05/08/2025

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

7. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #21-1028.04

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Letter from PVE, LLC, dated June 07, 2021, signed and sealed by Jeremy Scott Urban, P.E., stating that this product is in compliance with the Florida Building Code, 2020 Edition.

8. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 05-070, titled "RSG 3-D Structural Panel Details", sheets 1 through 12 of 12, prepared by PVE, LLC, dated April 23, 2025, signed and sealed by Jeremy Scott Urban, P.E., on April 23, 2025.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Letter from PVE, LLC, dated Apeil 23, 2025, signed and sealed by Jeremy Scott Urban, P.E., stating that this product is in compliance with the Florida Building Code, 2023 Edition.

Helmy A. Makar, P. E. Product Control Section Supervisor NOA No 25-0421.03 Expiration Date: 03/05/2030 Approval Date: 05/08/2025





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RE-STRUCTURE GROUP, LLC (USA) OLD WESTBURY, NEW YORK 11568 RSG 3-D STRUCTURAL PANEL DETAILS www.rsg3d.com	All design parameters including, but not limited to materials, grades, thicknesses, reinforcement, dimensions, cover, spacings, and connections, shall be verified and provided by the Professional Engineer of Record in the governing jurisdiction in accordance with Chapter 16 and Chapter 19, specifically section 1908, 'Shotcrete', of the International Building Code (IBC) and the Florida Building Code (FBC) that references American Concrete Institute's ACI 318 'Building Code Requirements for Structural Concrete' and ACI 506.2 Specification for Shotcrete'	WALL SPLICE (PLAN VIEW	VARIES	
PVE, LLC Jeremy S. Urban, PE PVE, LLC Leremy S. Urban, PE DESIGNED BY: Jeremy S. Urban, P.E Regional Director 2000 GEORGETOWN DRIVE SEWICKLEY, PA 15143 724.444.1100 www.pve-Ilc.com CHECKED BY: Jeremy S. Urban, P.E APPROVED BY: Jeremy S. Urban, P.E DATE: 04-23-25 PROJECT NO: 05-070 DATE: 04-23-25 PROJECT NO: 05-070 SHEET: 3/12	grades, thicknesses, reinforcement, dimensions, Jed by the Professional Engineer of Record in the pter 19, specifically section 1908, 'Shotcrete', of the de (FBC) that references American Concrete Institute's ' and ACI 506.2 Specification for Shotcrete'	AN VIEW) AN VIEW Date complying with the Florida Building Code Acceptance No 25 -012.03 Expiration Date 0.70572030 By 12 - 10 - 10 Miami Date Froduct Control	 12" LAP-MESH (FLAT) TYPICAL EA. FACE CEMENTITIOUS SKIN (SMALL AGGREGATE CONCRETE) CAN BE APPLIED USING PNEUMATIC EQUIPMENT OR BY HAND. THE MIN PSI SHALL BE 2,500. PLEASE REFER TO ICC ESR 2435 SECTIONS 3.2.2 & 3.2.4 THICKNESS : 1.25 " (31 mm) MINIMUM 1.50 " (38 mm) STANDARD 2.0 " (50 mm) MINIMUM STANDARD 2.0 " (50 mm) MINIMUM FIRE RATING: 1.5 " = 1.5 HRS PLEASE REFER TO ICC ESR 2435 PAGE 4, TABLE 1 	2" x 2" WIRE MESH EA. FACE TYPICAL GALV. TRUSS WIRE 9 GA. TYPICAL





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RE-STRUCTURE GROUP, LLC (USA) OLD WESTBURY, NEW YORK 11568 RSG 3-D STRUCTURAL PANEL DETAILS www.rsg3d.com	All design parameters including, but not limited to materials, grades, thicknesses, reinforcement, dimensions, cover, spacings, and connections, shall be verified and provided by the Professional Engineer of Record in the governing jurisdiction in accordance with Chapter 16 and Chapter 19, specifically section 1908, 'Shotcrete', of the International Building Code (IBC) and the Florida Building Code (FBC) that references American Concrete Institute's ACI 318 'Building Code Requirements for Structural Concrete' and ACI 506.2 Specification for Shotcrete'	TYPICAL RSG 3-D STRUCTURAL WINDOW/DOOR JAMB	
PVE, LLC Jeremy S. Urban, PE Regional Director 2000 GEORGETOWN DRIVE SEWICKLEY, PA 15143 724.444.1100 www.pve-llc.com SHEET: 5/12 SHEET: 5/12	les, thicknesses, reinforcement, dimensions, y the Professional Engineer of Record in the 19, specifically section 1908, 'Shotcrete', of the BC) that references American Concrete Institute's ACI 506.2 Specification for Shotcrete'	ARIES 1.25° MIN ARIES 1.25° MIN COLVISITIVENE CASING COLVISITIVENE COLVISITIVE COLVISITIVENE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLVISITIVE COLV	





















