



R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

P.O. Box 230 Valrico, FL 33595 Phone 813.659.9197

Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: FL-15419.3

Date: August 21, 2024

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Exterior Door Components	Novatech Entry Doors LLC 3092 English Creek Avenue Egg Harbor Township, NJ 08234 Phone - 609.645.3368	"Shaker" Hurricane Impact PVC Doorglass Assembly "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Novatech Entry Doors LLC, based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone".
- When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- This product is approved for use as a substitute doorglass assembly in conjunction with a glazed steel or fiberglass side hinged swing door and/or fixed sidelite possessing a comparable current Florida Statewide product approval.
- The design pressure (DP) rating shall be the lesser of the DP rating shown on sheet 1 of drawing FL-15419.3 or the DP rating shown in the glazed steel or fiberglass side hinged swing door or fixed sidelites approval being used.
- The door panel and lite opening size shall not exceed the sizes shown in this approval or the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
- This product has been tested in the door and /or sidelite as specified on Sheet 4 of Drawing No. FL-15419.3. Substitution into a similar product may be approved for use by the local Authority Having Jurisdiction. In all cases, the glazed steel or fiberglass door and/or sidelite used must possess a comparable Florida Statewide product approval.
- See drawing FL-15419.3 for size and design pressure limitations.

Supporting Documents:

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|---|--|--|---|
| 1. Test Report No.
TEL 01650057
TEL 01651617
TEL 01652583

TEL 01652402A
TEL 01652402B
TEL 01652402A
TEL 01652403A
TEL 01652403B
TEL 01652403A | Test Standard
ASTM E330-02, E331-00, E1886/E1996-02
ASTM E330-02, E331-00, E1886-05/E1996-06
ASTM E330-14, E331-00
ASTM E1886-05/E1996-06
ASTM D635-10
ASTM D2843-10
ASTM D1929-12
ASTM D635-10
ASTM D2843-10
ASTM D1929-12 | Testing Laboratory
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.

Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc. | Signed by
V.K. Wright
V.K. Wright
V.K. Wright

William Shelton, P.E.
William Shelton, P.E.
William Shelton, P.E.
William Shelton, P.E.
William Shelton, P.E.
William Shelton, P.E. |
| 2. Miami Dade NOA
23-0713.18 | Materials Testing
Saflex PVB Interlayer (Eastman Chemical Co.) | | |
| 3. Drawing No.
No. FL-15419.3 | Prepared by
RW Building Consultants, Inc. (#9813) | Digitally signed by Lyndon F Schmidt | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 4. Calculations
ASTM E 1300 Glass Load | Prepared by
RW Building Consultants, Inc. (#9813) | Date: 2024.08.22 06:40:22 -04'00' | |
| 5. Quality Assurance
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Novatech Entry Doors LLC is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by L. F. Schmidt on 8-22-24.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA