R W B C

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-30712.2***

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**	**Extruded Vinyl Frame** **PC/ABS Doorglass Assembly** **Component Approval** **"Non-Impact"**

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and 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:

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. When used in the "HVHZ" this product is required to be protected with an impact resistant covering that complies with FBC Section 1626.
3. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. 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.
5. The design pressure (DP) rating shall be the lesser of the DP rating shown on Sheet 1 of drawing FL-30712.2 or the DP rating shown in the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
6. The door panel and lite opening size shall not exceed the sizes shown in drawing FL-30712.2 or the glazed steel or fiberglass side hinged swing door or fixed sidelite approval being used.
7. This product meets the water infiltration requirements for the "HVHZ".
8. This product has been tested in the door and/or sidelite panels as specified on Sheets 3 of drawing FL-30712.2. 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 current Florida Statewide product approval.
9. See drawing FL-30712.2 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	Test Standard	Testing Laboratory	Signed by
TEL 01652271	TAS 202-94	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652272	ASTM E330-02, E331-00	Testing Evaluation Lab.	V. K. Wright
TEL 01652678	TAS 202-94	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652679	ASTM E330-02, E331-00	Testing Evaluation Lab.	V. K. Wright
TEL 01652678A	TAS 202-94	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652679A	ASTM E330-02, E331-00	Testing Evaluation Lab.	V. K. Wright
TEL 01652019A	ASTM D635-10	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652019B	ASTM D2843-10	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652019C	ASTM D1929-12	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652183	ASTM G155-05a, D638-03	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652022A	ASTM D635-10	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652022B	ASTM D2843-10	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652022C	ASTM D1929-12	Testing Evaluation Lab.	William B. Shelton, P.E.
TEL 01652182	ASTM G155-05a, D638-03	Testing Evaluation Lab.	William B. Shelton, P.E.

2. **Drawing No.** No. FL-30712.2 — **Prepared by** RW Building Consultants, Inc. (#9813) — **Signed & Sealed by** Lyndon F. Schmidt, P.E.

Digitally signed by Lyndon F Schmidt
Date: 2024.08.22 07:08:13 -04'00'

3. **Calculations** Anchoring ASTM E1300 Glass Load — **Prepared By** RW Building Consultants, Inc. (#9813) Lyndon F. Schmidt, P.E. — **Signed & Sealed by** Lyndon F. Schmidt, P.E.

4. **Quality Assurance**
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Novatech Entry Doors LLCis 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