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-20873.14***

Date: ***September 14, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Swinging Exterior Door Assemblies**	**Novatech Doors Inc. 1400 Marconi Sainte-Julie, QC J3E 2P7 (450) 922-6106**	**Opaque Steel Double Door w/ or w/out Sidelites Inswing "Impact"**

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Novatech Doors Inc., based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Dept. 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 excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. 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 excludes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of drawing FL-20873.14 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-20873.14 for size and design pressure limitations.

Supporting Documents:

	Test Report No.	Test Standard	Testing Laboratory	Signed by
1.	TEL 11031899	TAS 202-94	Testing Evaluation Laboratories, Inc.	Lyndon F. Schmidt, P.E.
	TEL 11031854	ASTM E330-02 / E331-00	Testing Evaluation Laboratories, Inc.	V. K. Wright
	TEL 11031900	ASTM E1886-05 / E1996-09	Testing Evaluation Laboratories, Inc.	V. K. Wright
	TEL 01311960	ASTM E330-02 / E331-00, ASTM E1886-05 / E1996-09	Testing Evaluation Laboratories, Inc.	V. K. Wright

2. **Miami-Dade NOA** — **Materials**
   23-0713.20 — Saflex PVB Interlayer (Eastman Chemical Company)
3. **Drawing No.** — **Prepared by** — **Signed & Sealed by**
   No. FL-20873.14 — RW Building Consultants, Inc. (#9813) — Lyndon F. Schmidt, P.E.
4. **Calculations** — **Prepared by** — **Signed & Sealed by**
   Anchoring — RW Building Consultants, Inc. (#9813) — Lyndon F. Schmidt, P.E.
   ASTM E 1300 Glass Load — RW Building Consultants, Inc. (#9813)
5. **Quality Assurance**
   Certificate of Participation issued by Intertek, certifying that Novatech Doors Inc. is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.09.14 11:45:36 -04'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by **L. F. Schmidt** on **9-14-23**.
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