



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-20873.9

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	Glazed Steel Single Door w/ or w/out Sidelites Outswing "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 including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of drawing FL-20873.9 require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations meet water infiltration requirements for "HVHZ".
8. All steel shall be protected as specified in Section 2222.6 of the FBC.
8. See drawing FL-20873.9 for size and design pressure limitations.

Supporting Documents:

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|---|---|--|---|
| 1. Test Report No.
TEL 11031899
TEL 11030667
ETC-07-209-19303.0
ETC-08-209-20609.1
TEL 01311959 | Test Standard
TAS 201, 202 & 203-94
TAS 201, 202 & 203-94
ASTM D635-98, D1929-96 & D2843-99
ASTM D638-03 & G155-05a
TAS 201, 202 & 203-94 | Testing Laboratory
Testing Evaluation Laboratories, Inc.
Testing Evaluation Laboratories, Inc.
ETC Laboratories
ETC Laboratories
Testing Evaluation Laboratories, Inc. | Signed by
Lyndon F. Schmidt, P.E.
William B. Shelton, P.E.
Ben Meunier
Gurjinder Dhani
William B. Shelton, P.E. |
| 2. Miami-Dade NOA
23-0713.20 | Materials
Saflex PVB Interlayer (Eastman Chemical Company) | | |
| 3. Drawing No.
No. FL-20873.9 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 4. Calculations
Anchoring
ASTM E 1300 Glass Load | Prepared by
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 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 11:43:42 -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