

Product Evaluation Report**Report No.: FL-20873.11****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 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-20873.11 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-20873.11 for size and design pressure limitations.

Supporting Documents:

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| <ol style="list-style-type: none"> 1. <u>Test Report No.</u>
TEL 11031899
TEL 11030669
ETC-07-209-19303.0
ETC-08-209-20609.1
TEL 01311959 2. <u>Miami-Dade NOA</u>
23-0713.20 3. <u>Drawing No.</u>
No. FL-20873.11 4. <u>Calculations</u>
Anchoring
ASTM E 1300 Glass Load 5. <u>Quality Assurance</u>
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. | <p><u>Test Standard</u>
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</p> <p><u>Materials</u>
Saflex PVB Interlayer (Eastman Chemical Company)</p> <p><u>Prepared by</u>
RW Building Consultants, Inc. (#9813)</p> <p><u>Prepared by</u>
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813)</p> | <p><u>Testing Laboratory</u>
Testing Evaluation Laboratories, Inc.
Testing Evaluation Laboratories, Inc.
ETC Laboratories
ETC Laboratories
Testing Evaluation Laboratories, Inc.</p> <p><u>Signed by</u>
Lyndon F. Schmidt, P.E.
William B. Shelton, P.E.
Ben Meunier
Gurjinder Dhani
William B. Shelton, P.E.</p> <p><u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E.</p> <p><u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E.</p> |
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Digitally signed by Lyndon F Schmidt
Date: 2023.09.14 11:44:31 -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.
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