R W B C

# R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

## *Product Evaluation Report*

***Report No.:*** ***FL-27628.1***

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

| Product Category | Sub Category | Manufacturer | Product Name |
|---|---|---|---|
| **Exterior Doors** | **Sliding Exterior Door Assemblies** | **Novatech Patio Doors Inc.<br>1400 Marconi<br>Sainte-Julie, NON-US 77777<br>Phone 450.922.6106** | **Series R-301/401<br>Sliding Patio Door<br>w/ Nailing Fin<br>"Non-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 1A 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 anchoring drawing is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifcations and ratings.
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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. Site conditions that deviate from the details of drawing FL-27628.1 require further engineering analysis by a licensed engineer or registered architect.
5. See drawing FL-27628.1 for size and design pressure limitations.

***Supporting Documents:***

| | Test Report No. | Test Standard | Testing Laboratory | Signed by |
|---|---|---|---|---|
| 1. | AI-04875-A1 | AAMA/WDMA/CSA 101/I.S.2/A440-11 | Air-Ins Inc. | Jean Miller |
| | AI-04875-A2 | AAMA/WDMA/CSA 101/I.S.2/A440-11 | Air-Ins Inc. | Jean Miller |
| | AI-04875-E1 | AAMA/WDMA/CSA 101/I.S.2/A440-08 | Air-Ins Inc. | Jean Miller |

| | Drawing No. | Prepared by | Signed & Sealed by |
|---|---|---|---|
| 2. | No. FL-27628.1 | RW Building Consultants, Inc. (#9813) | Lyndon F. Schmidt, P.E. |

| | Calculations | Prepared by | Signed & Sealed by |
|---|---|---|---|
| 3. | Anchoring | RW Building Consultants, Inc. (#9813) | Lyndon F. Schmidt, P.E. |
| | ASTM E 1300 Glass Load | RW Building Consultants, Inc. (#9813) | |

Digitally signed by Lyndon F Schmidt
Date: 2023.09.14 09:23:24 -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**