

Product Evaluation Report

Report No.: FL-32651.7
Date: October 14, 2020

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Portal Elegance, LLC 6855 Lyons Technology #10 Coconut Creek, FL 33073 (561) 447-8611	Glazed Iron Double Door (Arch Top) Inswing / Outswing "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Portal Elegance, LLC, 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:

- This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
- 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 includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of drawing FL-32651.7 require further engineering analysis by a licensed engineer or registered architect.
- Outswing configurations utilizing item #39 meet water infiltration requirements for "HVHZ".
- Inswing configurations do not meet water infiltration requirements for the "HVHZ". Inswing units shall be installed only in non-habitable areas or at habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.
- All steel shall be protected as specified in Section 2222.6 of the FBC.
- See drawing FL-32651.7 for size and design pressure limitations.

Supporting Documents:

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| 1. Test Report No.
TEL 04801425
TEL 04801426 | Test Standard
TAS 201, 202, 203-94
ASTM E 330-02 / E 331-00
ASTM E 1886-05 / E 1996-09 | Testing Laboratory
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc. | Signed by
William B. Shelton P.E.
V.K. Wright |
| 2. Miami Dade NOA
17-0808.02
20-0622.01 | Materials Testing
SentryGlas Interlayer
Saflex PVB Interlayer | | |
| 3. Drawing No.
No. FL-32651.7 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 4. 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. |
| 5. Quality Assurance
Certificate of Participation issued by National Accreditation & Management Institute, certifying that Portal Elegance, LLC is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. | | | |



Lyndon F. Schmidt, P.E.
FL PE No. 43409
10/14/2020