



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-15210.7**
Date: **August 21, 2023**

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Plastpro, Inc. 5200 W. Century Blvd. Los Angeles, CA 90045 Phone 440.969.9773	Smooth / Wood Grain / White Wood Grain Rustic / Mahogany Series O Fiberglass Door Outswing - "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Plastpro Inc., based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department 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 structural requirements including the "High Velocity Hurricane Zone".
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-15210.7 require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations (using sill Items #30, 33 & 34) meet water infiltration requirements for "HVHZ". The ADA configuration (using sill Item #35) does not meet the water infiltration requirements for the "HVHZ" and must 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.
8. See drawing FL-15210.7 for size and design pressure limitations.

Supporting Documents:

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| 1. <u>Test Report No.</u>
TEL 01390455
TEL 01391846
TEL 01393508
ETC-05-255-16776.0

ETC-06-255-17412.0
ETC-07-209-19303.0
ETC-08-209-20609.1
TEL 01311959 | <u>Test Standard</u>
TAS 201-94, 202-94 & 203-94
TAS 201-94, 202-94 & 203-94
TAS 201-94, 202-94 & 203-94
ASTM D 635-98, 638-03, 1929-96 & 2843-99
ASTM G 26-95
ASTM E 84-05
ASTM D 635-98, 1929-96 & 2843-99
ASTM D 638-03 & G 155-05a
TAS 201-94, 202-94 & 203-94 | <u>Testing Laboratory</u>
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
Testing Evaluation Lab., Inc.
ETC Laboratories

ETC Laboratories
ETC Laboratories
ETC Laboratories
Testing Evaluation Lab., Inc. | <u>Signed by</u>
William Shelton, P.E.
William Shelton, P.E.
William Shelton, P.E.
Joseph L. Doldan, P.E.

Joseph L. Doldan, P.E.
Ben Meunier
Gurjinder Dhami
William Shelton, P.E. |
| 2. <u>Miami-Dade NOA</u>
23-0713.20 | <u>Materials</u>
Saflex PVB Interlayer (Eastman Chemical Company) | | |
| 3. <u>Drawing No.</u>
No. FL-15210.7 | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 4. <u>Calculations</u>
Anchoring
ASTM E 1300 Glass Load | <u>Prepared by</u>
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813) | | <u>Signed & Sealed by</u>
Lyndon F. Schmidt, P.E. |
| 5. <u>Quality Assurance</u>
Certificate of Participation issued by National Accreditation and Management Institute, certifying that Plastpro, 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: 2023.08.22
08:43:03 -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 8-22-23.
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THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA