



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-15180.6**

Date: **August 15, 2023**

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Plastpro Inc. 5200 W. Century Blvd. Los Angeles, CA Phone 440.969.9773	Smooth / Wood Grain / White Wood Grain Rustic / Mahogany Series N 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 (FBC) 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-15180.6 require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. See drawing FL-15180.6 for size and design pressure limitations.

Supporting Documents:

- | <u>Test Report No.</u> | <u>Test Standard</u> | <u>Testing Laboratory</u> | <u>Signed by</u> |
|------------------------|---|--------------------------------|--------------------------|
| TEL 01390365 | TAS 201, 202, 203-94 | Testing Evaluation Lab., Inc. | Lyndon F. Schmidt, P.E. |
| TEL 07-0223-1 | TAS 201, 202, 203-94 | Testing Evaluation Lab., Inc. | Lyndon F. Schmidt, P.E. |
| TEL 03851938 | TAS 201, 202, 203-94 | Testing Evaluation Lab., Inc. | William B. Shelton, P.E. |
| CTLA 924W | TAS 201, 202, 203-94 | Certified Testing Laboratories | Ramesh Patel, P.E. |
| ETC 07-209-19303.0 | ASTM D2843-99, ASTM D635-98 | ETC Laboratories | Ben Meunier |
| | ASTM D1929-96 | | |
| ETC 08-209-20609.1 | ASTM D638-03, G155-05a | ETC Laboratories | Gurjinder Dhami |
| ETC 06-255-17412.0 | ASTM E84-05 | ETC Laboratories | Joe Doldan, P.E. |
| ETC 05-255-16776.0 | ASTM G26-95, D2843-99, D635-98, D1929-96, D638-03 | ETC Laboratories | Joe Doldan, P.E. |
| TEL 01311959 | TAS 201, 202, 203-94 | Testing Evaluation Lab., Inc. | William B. Shelton, P.E. |
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- | <u>Approval No.</u> | <u>Materials Testing</u> | |
|---------------------------|--|--|
| FL-29465.3 | HP Polypropylene (ODL) | |
| 22-1130.04 Miami-Dade NOA | Saflex PVB Interlayer (Eastman Chemical Co.) | |
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- | <u>Drawing No.</u> | <u>Prepared by</u> | <u>Signed & Sealed by</u> |
|--------------------|---------------------------------------|-------------------------------|
| No. FL-15180.6 | RW Building Consultants, Inc. (#9813) | Lyndon F. Schmidt, P.E. |
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- | <u>Calculations</u> | <u>Prepared by</u> | <u>Signed & Sealed by</u> |
|-----------------------|---------------------------------------|-------------------------------|
| Anchoring | RW Building Consultants, Inc. (#9813) | Lyndon F. Schmidt, P.E. |
| ASTM E1300 Glass Load | Lyndon F. Schmidt, P.E. | |
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- | <u>Quality Assurance</u> |
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| 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: 2023.08.15
14:00:42 -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 8-15-23.
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