

R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Certificate of Authorization No. 9813

Product Evaluation Report

Report No.: FL-21891.10

Date: April 11, 2017

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	MILLWORK 360 12941 Memorial Hwy Tampa, FL 33635 (813) 854-3100	Impact 360 Series Wood Glazed or Opaque Double Door w/ Transom Inswing / Outswing - "Impact"

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for MILLWORK 360 based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

R W 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 5th Edition (2014) 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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of drawing FL-21891.10 require further engineering analysis by a licensed engineer or registered architect.
6. Outswing configurations meet water infiltration requirements for "HVHZ".
7. Inswing configurations do not meet the water infiltration requirements for the "HVHZ" and 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.
8. See drawing FL-21891.10 for size and design pressure limitations.

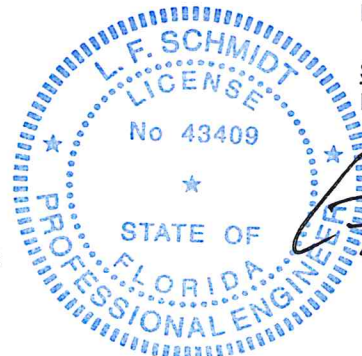
1. **Test Report No.** TEL 06801769 **Test Standard** TAS 201-94, 202-94, 203-94 **Testing Laboratory** Testing Evaluation Lab. **Signed by** William B. Shelton, P.E.

2. **Miami-Dade NOA** 14-0916.11 **Materials Testing** SentryGlas Interlayer (Kuraray)

3. **Drawing No.** No. FL-21891.10 **Prepared by** RW Building Consultants, Inc. (CA #9813) **Signed & Sealed by** Lyndon F. Schmidt, P.E.

4. **Calculations** Product Anchoring ASTM E1300 Glass Load **Prepared by** RW Building Consultants, Inc. (CA #9813) Lyndon F. Schmidt, P.E. **Signed & Sealed by** Lyndon F. Schmidt, P.E.

5. **Quality Assurance**
Certificate of Participation issued by National Accreditation and Management Institute, certifying that MILLWORK 360 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
4/11/2017