

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 Certificate of Authorization No. 9813

Product Evaluation Report

Report No.: FL-21891.7

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 Single Door w/ Sidelite(s) Inswing / Outswing - "Impact" |

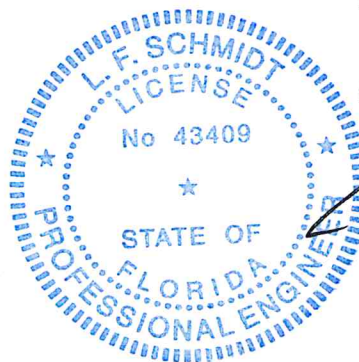
Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. (System ID # 1998) for MILLWORK 360 based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

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-21891.7 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-21891.7 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-21891.7 | 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