R W Building Consultants, Inc.
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Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: ***FL-15449.11***
Date: ***July 28, 2020***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Sliding Exterior Doors Assemblies	New South Window Solutions 10741 Crossroads Commerce Blvd. Tampa, FL 33610 (813) 626-6000	6000 Series Model 6450 Sliding Patio Door "Impact"

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

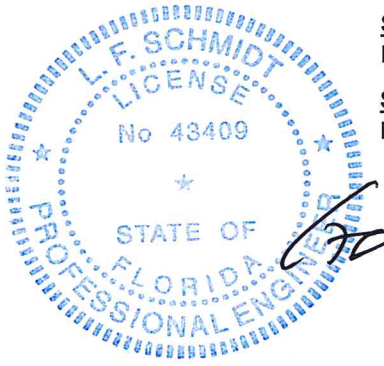
RW Building Consultants and Lyndon F. Schmidt, P.E. do not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

Limitations:

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) 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 and impact resistant covering.
4. When used in areas outside 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 E1996 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-15449.11 require further engineering analysis by a licensed engineer or registered architect.
7. See drawing FL-15449.11 for size and design pressure limitations.

Supporting Documents:

1. **Test Report No.** TEL 02031963 — **Test Standard** TAS 201, 202, 203-94 — **Testing Laboratory** Testing Evaluation Lab., Inc. — **Signed by** Lyndon F. Schmidt, P.E.
2. **Dade County NOA** 17-0712.05 — **Materials** Saflex PVB Interlayer (Eastman Chemical Co.)
3. **Drawing No.** No. FL-15449.11 — **Prepared by** RW Building Consultants, Inc. (#9813) — **Signed & Sealed by** Lyndon F. Schmidt, P.E.
4. **Calculations** Anchoring ASTM E 1300 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 and Management Institute, certifying that NewSouth Window Solutions 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
7/28/2020