



R W Building Consultants, Inc.

Consulting and Engineering Services for the Building Industry

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Florida Board of Professional Engineers Registry License No. 9813

Product Evaluation Report

Report No.: FL-16686.1

Date: September 18, 2023

Product Category	Sub Category	Manufacturer	Product Name
Windows	Horizontal Slider	Lippert Components, Inc. 3501 CR 6 East Elkhart, IN 46514 Phone 574.535.1125	Model 9990 PVC Horizontal Sliding Window w/ Nailing Fin "Non-Impact"

Scope: Product anchoring report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Lippert Components, Inc., based on Rule Chapter No. 61G20-3, Method 1A 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 anchoring has been developed in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone". See the Certification Agency Certificate for sizes, specifications and design pressure ratings.
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing, stucco, foam, brick and other wall coverings.
3. Wood screws shall be installed following installations instructions of ANSI/AWC NDS 2018. All other fastener types to be installed following fastener manufacture's installation instructions.
4. Fastener embedment depths, edge distance and center-center distances shall be as specified by the fastener manufacture but in no instance shall they be less than shown in drawing FL-16686.1.
5. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the FBC.
6. Positive and negative design pressure requirements for use with drawing FL-16686.1 shall be determined by others for specific jobs in accordance with the governing code.
7. Site conditions that deviate from the details of drawing FL-16686.1 require further engineering analysis by a licensed engineer or registered architect.

Supporting Documents:

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| 1. Test Report No.
ATI D0060.01-602-44 | Test Standard
AAMA/WDMA/CSA 101/I.S.2/A440-11 | Testing Laboratory
Architectural Testing, Inc. | Signed by
John R. Bordagaray |
| 2. Drawing No.
No. FL-16686.1 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 3. Calculations
Buck Anchoring
ASTM E 1300 Glass Load | Prepared by
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |

Digitally signed by
Lyndon F Schmidt
Date: 2023.10.03
10:20:47 -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 10-3-23.
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