R W B C

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-21719.5***

Date: ***December 21, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Shutters	**Storm Panels**	**SL Westwood Designs** **Buena Vista S/n Nucleo Agrario** **Cabo San Lucas, Mexico** **(858) 427-3149**	**"Front Row Hurricane Shutters"** **Storm Panels** **"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 SL Westwood Designs 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 system has been tested and evaluated as a large missile impact protective system in accordance with the requirements of the 8th Edition (2023) Florida Building Code (FBC) including the High Velocity Hurricane Zone ("HVHZ").
2. When used in areas outside the "HVHZ", 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.
3. Positive and negative design pressures to be used with these drawings shall be determined by others for specific jobs in accordance with the local governing code.
4. The system detailed herein is generic and does not provide information for a specific site. If site conditions deviate from the conditions detailed herein, a licensed engineer or registered architect shall prepare site specific documents to be used in conjunction with this document.
5. This Impact Resistant Covering shall be permanently labeled according to FBC Section 1709.9.
6. Permit holder shall verify the adequacy of the existing structure to withstand new superimposed loads.
7. Storm panels have been designed and tested to the maximum spans and loads shown on these drawings.
8. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
9. Top & bottom details shown may be interchanged as field conditions dictate. Panels may be mounted horizontally where applicable.
10. See drawing FL-21719.5 for size and design pressure limitations.

Supporting Documents:

	Test Report No.	Test Standard	Testing Laboratory	Signed by
1.	TEL 07553742	TAS 201, 202 & 203-94	Testing Evaluation Lab., Inc.	William B. Shelton, P.E.
	TEL 07553743	ASTM E 330-14	Testing Evaluation Lab., Inc.	V. K. Wright
		ASTM E 1886-13a/1996-14a		

	Drawing No.	Prepared by	Signed & Sealed by
2.	No. FL 21719.5	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

	Calculations	Prepared by	Signed & Sealed by
3.	Anchoring	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

4. **Quality Assurance**
   Certificate of Participation issued by National Accreditation & Management Institute, certifying that SL Westwood Designs is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53.

Digitally signed by Lyndon F Schmidt
Date: 2023.12.21 14:51:36 -05'00'

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by **L. F. Schmidt** on **12-21-23**.
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