R W B C

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 Registry No. 9813

Product Evaluation Report

Report No.: ***FL-23955.20***

Date: ***August 22, 2023***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Swinging Exterior Door Assemblies**	**Therma-Tru Corporation 118 Industrial Drive Edgerton, OH 43517**	**Glazed Fiberglass Single Door w/ Sidelite(s) Inswing/Outswing "Non-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 Therma-Tru Corporation 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 product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code structural requirements excluding the "High Velocity Hurricane Zone".
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 areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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-23955.20 require further engineering analysis by a licensed engineer or registered architect.
6. See drawing FL-23955.20 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	Test Standard	Testing Laboratory	Signed by
TEL 01461506	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01461507	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01461508	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01461509	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01461511	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01461512	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01461517	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01461518	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01461519	ASTM E 330-02, E 331-00	Testing Evaluation Lab.	Vivian K. Wright
TEL 01460440-A	ASTM E 330-02	Testing Evaluation Lab.	Vivian K. Wright

2.

Drawing No.	Prepared by	Signed & Sealed by
No. FL-23955.20	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

3.

Calculations	Prepared by	Signed & Sealed by
Anchoring	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.
ASTM E 1300 Glass Load	RW Building Consultants, Inc. (#9813)	

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

Digitally signed by Lyndon F Schmidt
Date: 2023.08.22 15:34:19 -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 **8-22-23**.
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