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 License No. 9813

Product Evaluation Report

Report No.: ***FL-20470.3***

Date: ***July 2, 2026***

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	**Swinging Exterior Door Assemblies**	**Therma-Tru Corporation 118 Industrial Dr Edgerton, OH 43517 Phone 419-298-1740**	**Fiber-Classic and Smooth-Star Composite Edge Opaque Fiberglass Double Door w/ or w/out Sidelites 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 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 9th Edition (2026) 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. When used in areas outside of 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.
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-20470.3 require further engineering analysis by a licensed engineer or registered architect.
7. This product meets the water infiltration requirements for the "HVHZ".
8. Outswing configurations using Coastal Sill (Item #19) and Composite Sill (Item #16) under active doors and all sills used under sidelites meet water infiltration requirements for "HVHZ". All other 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.
9. See drawing FL-20470.3 for size and design pressure limitations.

Supporting Documents:

1.

Test Report No.	Test Standard	Testing Laboratory	Signed by
TEL 01461571	TAS 201, 202 & 203 (94)	Testing Evaluation Lab.,Inc.	William Shelton, P.E.
TEL 06-1031-1	TAS 201, 202 & 203 (94)	Testing Evaluation Lab.,Inc.	Wendell W. Haney, P.E.
TEL 01460030	TAS 201, 202 & 203 (94)	Testing Evaluation Lab.,Inc.	Wendell W. Haney, P.E.

2.

Miami -Dade NOA	Materials
26-0625.05	Trosifol PVB® Interlayer (Kuraray America)
25-0904.04	Saflex PVB® Interlayer (Eastman Chemical Company)

3.

Drawing No.	Prepared by	Signed & Sealed by
No. FL 20470.3	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.

4.

Calculations	Prepared by	Signed & Sealed by
Anchoring	RW Building Consultants, Inc. (#9813)	Lyndon F. Schmidt, P.E.
ASTM E1300 Glass Load	RW Building Consultants, Inc. (#9813)	

5. **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: 2026.08.06 09:27:41 -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 **8-06-26**.
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