

**Product Evaluation Report****Report No.:** FL-20461.9**Date:** July 19, 2023

| Product Category | Sub Category                      | Manufacturer                                                                            | Product Name                                                                                                        |
|------------------|-----------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Exterior Doors   | Swinging Exterior Door Assemblies | Therma-Tru Corporation<br>118 Industrial Dr<br>Edgerton, OH 43517<br>Phone 419-298-1740 | Fiber-Classic and Smooth-Star<br>Composite Edge Glazed Fiberglass Single Door<br>Inswing / Outswing<br>"Non-Impact" |

**Scope:** Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Therma-Tru Corporations, 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 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding 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 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-20461.9 require further engineering analysis by a licensed engineer or registered architect.
6. Fiber-Classic & Smooth-Star Door panels require the use of "J" part numbers and must be stained or painted within six months of installation
7. See drawing FL-20461.9 for size and design pressure limitations.

**Supporting Documents:**

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| 1. <b><u>Test Report No.</u></b><br>TEL 01460145<br>TEL 01461721<br>TEL 01461573                                                                                                                                                                                                | <b><u>Test Standard</u></b><br>ASTM E330-02<br>ASTM E330-02 & ASTM E331-00<br>ASTM E330-02 & ASTM E331-00   | <b><u>Testing Laboratory</u></b><br>Testing Evaluation Lab., Inc.<br>Testing Evaluation Lab., Inc.<br>Testing Evaluation Lab., Inc. | <b><u>Signed by</u></b><br>V.K. Wright<br>V.K. Wright<br>V.K. Wright |
| 2. <b><u>Drawing No.</u></b><br>No. FL-20461.9                                                                                                                                                                                                                                  | <b><u>Prepared by</u></b><br>RW Building Consultants, Inc. (#9813)                                          |                                                                                                                                     | <b><u>Signed &amp; Sealed by</u></b><br>Lyndon F. Schmidt, P.E.      |
| 3. <b><u>Calculations</u></b><br>ASTM E 1300 Glass Load<br>Anchoring                                                                                                                                                                                                            | <b><u>Prepared by</u></b><br>RW Building Consultants, Inc. (#9813)<br>RW Building Consultants, Inc. (#9813) |                                                                                                                                     | <b><u>Signed &amp; Sealed by</u></b><br><br>Lyndon F. Schmidt, P.E.  |
| 4. <b><u>Quality Assurance</u></b><br>Certificate of Participation issued by National Accreditation & Management Institute, certifying that Therma-Tru Corporations is manufacturing products within a quality assurance program that complies with ISO/IEC 17020 and Guide 53. |                                                                                                             | Digitally signed by Lyndon F Schmidt<br>Date: 2023.07.25 16:43:27 -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 7-25-23.  
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**