



# 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-23507.5

Date: July 2, 2026

| Product Category | Sub Category                      | Manufacturer                                                                | Product Name                                                                                                                         |
|------------------|-----------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Exterior Doors   | Swinging Exterior Door Assemblies | Therma Tru<br>118 Industrial Drive.<br>Edgerton, OH 43517<br>(419) 298-1740 | Therma-Tru Profiles and Traditions<br>Wood Edge "Impact" Opaque Steel Double Door<br>w/ "Non-Impact" Sidelite(s)<br>Inswing/Outswing |

**Scope:** Product Evaluation report issued by R W Building Consultants, Inc. & Lyndon F. Schmidt, P.E. (System ID # 1998) for Therma Tru Corporation, per Rule 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", the opaque door complies with Section 1626 of the Florida Building Code and does not require an Impact resistant covering. The non-impact sidelite must be protected with an impact resistant covering complying with Section 1626 of the FBC.
4. When used in areas outside of the "HVHZ" requiring wind borne protection, the opaque door complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. The opaque door meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996. The non-impact sidelites must be protected with an impact resistant covering complying with FBC Sections 1609.1.2 & R301.2.1.2.
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-23507.5 require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations using Sill numbers 16, 17, 18, & 31 meet the water infiltration requirements for the "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 the canopy or overhang to sill is less than 45 degrees.
8. When used in the "HVHZ", Steel must be protected as specified in FBC 2222.6.
9. See drawing FL-23507.5 for size and design pressure limitations.

### Supporting Documents:

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|-----------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|
| 1. <b>Test Report No.</b><br>ETC 01-741-11004.0<br>ETC 01-741-11006.0 | <b>Test Standard</b><br>TAS 201, 202, 203-94<br>TAS 201, 202, 203-94 | <b>Testing Laboratory</b><br>ETC Laboratories<br>ETC Laboratories | <b>Signed by</b><br>Joseph Doldan, P.E.<br>Joseph Doldan, P.E. |
| 2. <b>Drawing No.</b><br>No. FL-23507.5                               | <b>Prepared by</b><br>RW Building Consultants, Inc. (#9813)          |                                                                   | <b>Signed &amp; Sealed by</b><br>Lyndon F. Schmidt, P.E.       |
| 3. <b>Calculations</b><br>ASTM E1300 Glass Load                       | <b>Prepared by</b><br>Lyndon F. Schmidt, P.E.                        |                                                                   | <b>Signed &amp; Sealed by</b>                                  |
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: 2026.08.07 15:16:10 -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 8-07-26.  
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**