



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-27627.1

Date: November 19, 2024

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Exterior Doors Components	Therma-Tru Corporation 118 Industrial Dr. Edgerton, OH 43517 Phone 419.298.1740	"Composite Jamb" Inswing / Outswing "Impact"

Scope: Product Evaluation report issued by R W Building Consultants, Inc. & 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, 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 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 E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. This "IMPACT" door jamb, as a component, is to be used as a substitute to a similar door jamb in an "Impact" approved (complies with FBC Sections 1609.1.2 & R301.2.1.2) door system possessing a current Florida Statewide Product Approval. In addition, the door jamb may also be used as a substitute for an approved Therma-Tru outswing sidelite sill.
5. The design pressure rating of the assembly shall be the lesser of the design pressure for the door jamb shown in this approval or the design pressure of the "Impact" door assembly used in conjunction with this approval.
6. The maximum frame size of the door assembly shall be the lesser of the maximum frame size stated in this approval or the maximum frame size of the "Impact" door assembly approval used in conjunction with this approval.
7. This product is approved for use with "Impact" opaque or glazed fiberglass or steel side hinged swing doors and sidelites only.
8. See drawing FL-27627.1 for size and design pressure limitations.

Supporting Documents:

- | | | | |
|---|--|---|--|
| 1. Test Report No.
TEL 01462101
TEL 09452043
TEL 11021840A
TEL 11021840B
TEL 11021840C
TEL 01463903 | Test Standard
ASTM E 330-02, E1886-05 / 1996-09
ASTM E 330-02
ASTM D 635-06
ASTM D 2843-99
ASTM D 1929-96
ASTM E 330-14, E1886-19 / 1996-20 | Testing Laboratory
Testing Evaluation Laboratory
Testing Evaluation Laboratory
Testing Evaluation Laboratory
Testing Evaluation Laboratory
Testing Evaluation Laboratory
Testing Evaluation Laboratory | Signed by
Vivian K. Wright
Vivian K. Wright
William B. Shelton, P.E.
William B. Shelton, P.E.
William B. Shelton, P.E.
Vivian K. Wright |
| 2. Drawing No.
No. FL-27627.1 | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 3. Calculations
Anchoring | Prepared by
RW Building Consultants, Inc. (#9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 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. | | | |

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409
This item has been digitally signed and sealed by L. F. Schmidt on 11-25-24.
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