

Product Evaluation Report

Report No.: FL-17540.2

Date: July 25, 2023

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Therma Tru Corporation 118 Industrial Drive Edgerton, OH 43517 Phone 419.298.1740	ThermaTru Benchmark Doors "Smooth Surface" and "Wood Grain" Fiberglass Door w/ Sidelite(s) "Impact" Inswing/Outswing

Scope: This is a Product Evaluation report issued by R W Building Consultants, Inc. and Lyndon F. Schmidt, P.E. 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:

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.12 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of drawing FL-17540.2 require further engineering analysis by a licensed engineer or registered architect.
- Benchmark Door & Sidelite panels require the use of "J" part numbers and must be stained or painted within six months of installation.
- See drawing FL-17540.2 for size and design pressure limitations.

Supporting Documents:

- Test Report No.**
TEL 01460274

Test Standard
ASTM E330(02), E331(00), E1886(05), E1996(05)

Testing Laboratory
Testing Evaluation Laboratories

Signed by
Vivian K. Wright

TEL 01460145
TEL 01460132
TEL 01461612

ASTM E330(02), E1886(02), E1996(02)
TAS 201-94, 202-94 and 203-94
ASTM E330(02), E331(00), E1886(02), E1996(02)

Testing Evaluation Laboratories
Testing Evaluation Laboratories
Testing Evaluation Laboratories

Vivian K. Wright
Lyndon F. Schmidt, P.E.
Vivian K. Wright

TEL 06-1031-1
TEL 06-0718-1

ASTM E330(02), E1886(02), E1996(02)
ASTM E1886(02), E1996(02)

ETC Laboratories
ETC Laboratories

Wendell W. Haney, P.E.
Wendell W. Haney, P.E.
- Miami-Dade NOA**
22-1130.04
20-0915.22

Materials
Safflex® PVB Interlayer (Eastman Chemical Company)
Trosifol® PVB Interlayer (Kuraray America)
- Drawing No.**
No. FL-17540.2

Prepared by
RW Building Consultants, Inc. (#9813)

Signed & Sealed by
Lyndon F. Schmidt, P.E.
- Calculations**
Anchoring
ASTM E 1300 Glass Load

Prepared by
RW Building Consultants, Inc. (#9813)
RW Building Consultants, Inc. (#9813)

Signed & Sealed by
Lyndon F. Schmidt, P.E.
- 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: 2023.07.25
15:17:18 -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.
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THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA