

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

Plastics Testing Summary

Report No.: TT-PLASTICS.5

Date: July 17, 2023

Manufacturer	Plastic Materials Testing
Therma-Tru Corporation 118 Industrial Drive Edgerton, OH 43517 Phone 419.298.1740	Polyurethane Foam Core Composite Door Jambs Fiberglass Door Skin (SMC) Lite Frames (SMC, BTS, PVC)

Scope: Plastics testing performed for Therma-Tru Corporation:

<u>Material</u>	<u>Test Report No.</u>	<u>Test Standard</u>	<u>Testing Laboratory</u>	<u>Signed by</u>
Polyurethane Foam Core	ATI 67508.01-106-18	ASTM D 1929-96	Architectural Testing Lab.	Joseph A. Reed, P.E.
Polyurethane Foam Core	15427-107362	ASTM E 84-00a	Omega Point Lab.	John W. Dougherty, P.E.
Composite Door Jambs	TEL 11021840-A TEL 11021840-B TEL 11021840-C TEL 11002186	ASTM D 635-06 ASTM D 2843-99 ASTM D 1929-96 ASTM G 155-05a, D 638-03	Testing Evaluation Lab. Testing Evaluation Lab. Testing Evaluation Lab. Testing Evaluation Lab.	William B. Shelton, P.E. William B. Shelton, P.E. William B. Shelton, P.E. William B. Shelton, P.E.
Fiberglass Door Skin (SMC)	TEL 01460336-A TEL 01460336-B TEL 01460336-C	ASTM D 635-03 ASTM D 1929-96 ASTM D 2843-99	Testing Evaluation Lab. Testing Evaluation Lab. Testing Evaluation Lab.	Lyndon F. Schmidt, P.E. Lyndon F. Schmidt, P.E. Lyndon F. Schmidt, P.E.
BTS Lite Frame	TEL 01460337-A TEL 01460337-B TEL 01460337-C	ASTM D 635-03 ASTM D 1929-96 ASTM D 2843-99	Testing Evaluation Lab. Testing Evaluation Lab. Testing Evaluation Lab.	Lyndon F. Schmidt, P.E. Lyndon F. Schmidt, P.E. Lyndon F. Schmidt, P.E.
SMC Lite Frame	TEL 01460338-A TEL 01460338-B TEL 01460338-C	ASTM D 635-03 ASTM D 1929-96 ASTM D 2843-99	Testing Evaluation Lab. Testing Evaluation Lab. Testing Evaluation Lab.	Lyndon F. Schmidt, P.E. Lyndon F. Schmidt, P.E. Lyndon F. Schmidt, P.E.
PVC Lite Frame	TEL 01460339-A TEL 01460339-B TEL 01460339-C	ASTM D 635-03 ASTM D 1929-96 ASTM D 2843-99	Testing Evaluation Lab. Testing Evaluation Lab. Testing Evaluation Lab.	Lyndon F. Schmidt, P.E. Lyndon F. Schmidt, P.E. Lyndon F. Schmidt, P.E.
Exposed Plastics (BTS, SMC, PVC)	ETC-01-741-11075.0 ETC-01-741-11076.2 ETC-01-741-10921.0 STTS00001 STTS 99-0513.01	ASTM D 638-96 ASTM D 638-96 ASTM D 638-96 ASTM G 26-95 ASTM G 7-97 (5 yr. exposure)	ETC Laboratories, Inc. ETC Laboratories, Inc. ETC Laboratories, Inc. Sub-Tropical Testing Sub-Tropical Testing	Joseph L. Doldon, P.E. Joseph L. Doldon, P.E. Joseph L. Doldon, P.E. Lon Hicks, V.P. Lon Hicks, V.P.

<u>Equivalency of Standards</u>	<u>Test Standards Used</u>	<u>7th Edition (2020) FBC Referenced Standards</u>
	ASTM D 635-03, 06	ASTM D 635-14
	ASTM D 638-96	ASTM D 638-03
	ASTM D 1929-96	ASTM D 1929-16
	ASTM D 2843-99	ASTM D 2843-16
	ASTM E 84-00a	ASTM E 84-18b
	ASTM G 26-95, G 155-05a	ASTM G 155-13

The products referenced above have been tested to the standards listed. It has been determined by Lyndon F. Schmidt, P.E. and RW Building Consultants, Inc. that, for the purpose of this evaluation, the tested standards are equivalent to the referenced test standards as adopted by the 8th Edition (2023) Florida Building Code.

LYNDON F. SCHMIDT, State of Florida, Professional Engineer, License No. 43409

This item has been digitally signed and sealed by L. F. Schmidt on 7-17-23.

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