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C**R W Building Consultants, Inc.**

Consulting and Engineering Services for the Building Industry

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ENGINEER'S NOTICE OF EVALUATION # TFC-101TF

Therma-Tru Corp.
108 Mutzfeld Road
Butler, IN 46721
Phone 260.868.5811 Facsimile 260.868.5190

DESCRIPTION OF UNIT

Model Designation: "Fiber Classic / Smooth Star" Series 8'0 Door with Transom System, (Glazed or Opaque) with Sidelites

Maximum Overall Nominal Size: up to 5'4 x 9'0 Usable In-swing Configurations: $\frac{O}{X}$, $\frac{OX}{OX}$, $\frac{XO}{XO}$, $\frac{OXO}{OXO}$

General Description: The head and jambs are wood measuring 4.5" x 1.25" with an extruded aluminum threshold. The door panels and sidelite panels are 1.68" thick and consist of two SMC skins with a thickness of 0.065" for the Fiber Classic Series or the Smooth Star Series with a skin thickness of 0.070". Skins are glued to wood stiles and rails with a urethane core. The glazed sidelites are routed to receive 1/8" tempered or 1/2" insulated tempered lip lite inserts or integral flush glazed lites manufactured by Therma-Tru. The Transom glazing is a 1" insulated glass unit that is directly sealed to the jambs with butyl sealant.

FBC Section 1707 Materials and Assembly Tests:

(1707.4.3 Exterior Door Assemblies; 1707.4.5 Mullions Door Assemblies)

Test	Description	Test Location	Date	Report No.	Certifying Engineer
ASTM E330	Uniform Static Air Pressure	NCTL - Orlando	May 30, 1997 May 11, 1998	NCTL-210-1940-1234 NCTL-210-2030-1	Barry Portnoy, #16258
ASTM E331	**Water Penetration	NCTL - Orlando	May 30, 1997 May 11, 1998	NCTL-210-1940-1234 NCTL-210-2030-1	Barry Portnoy, #16258
ASTM E283	Air Infiltration	NCTL - Orlando	May 30, 1997 May 11, 1998	NCTL-210-1940-1234 NCTL-210-2030-1	Barry Portnoy, #16258
TAS 201/203	**Large Missile Impact/Cycling	N/A	N/A	N/A	N/A

* Sidelites are considered a window and meet 15% of Positive Design Pressure water infiltration criteria.

**This product must be shuttered to meet windborne debris criteria.

Design Pressure Ratings:

Configuration	Maximum Size	Design Pressure Ratings
Sgl. Opaque or Glazed Door Panel with Transom $\frac{O}{X}$	3'0 x 9'0	+ 47.00 psf - 47.00 psf
Sgl. Opaque or Glazed Door Panel with Transom and sidelite(s) $\frac{O}{OX}$, $\frac{O}{XO}$, $\frac{O}{OXO}$	5'4 x 9'0	+ 47.00 psf - 47.00 psf


Installation and Anchoring: See reverse side this page

Use

1. Evaluated for use in locations adhering to the Florida Building Code and where pressure requirements as determined by ASCE 7 Minimum Design Loads for Buildings and Other Structures do not exceed the design pressure ratings listed above.
2. For Masonry installations where the sub-buck is less than 1-1/2 inches (FBC section 1707.4.4 Anchorage Methods and sub-sections 1707.4.4.1 and 1707.4.4.2) same diameter Tapcon type concrete anchors must be substituted and the length must be such that a minimum 1-1/4" engagement of the Tapcon into the masonry wall is obtained.

Certification: Lyndon F. Schmidt
19506 French Lace Drive
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