



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

Therma – Thru Corporation
118 Industrial Drive
Edgerton, OH 43517

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series “BTS, TCM, PVC & SMC” Plastic Lite Frame – N.I.

APPROVAL DOCUMENT: Drawing No. S-2156-A1, titled “Plastic Lite Frame Component Approval (N.I.)”, sheets 1 through 4 of 4, dated 08/14/2001 with revision 3 dated 07/07/2006, prepared by R. W. Building Consultants, Inc., dated 05/22/2007, signed and sealed by Wendell W. Haney, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA **revises and renews** NOA # 01-1120.08 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
5/31/07

NOA No. 06-0406.12
Expiration Date: January 18, 2012
Approval Date: June 21, 2007
Page 1

Therma – Thru Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **S-2156-A1**, titled "Plastic Lite Frame Component Approval (N.I.)", sheets 1 through 4 of 4, dated 08/14/2001 with revision 3 dated 07/07/2006, prepared by R. W. Building Consultants, Inc., dated 05/22/2007, signed and sealed by Wendell W. Haney, P.E.

B. TESTS

1. Test reports on BTS:
 - 1) Tensile Test, per FBC, ASTM D 638-03 along with marked-up drawings and installation diagram, prepared by ETC Laboratories, Inc., Test Report No. **ETC-01-741-11075.0**, dated September 18, 2001, signed and sealed by Joseph L. Doldan, P.E.
2. Test reports on PVC:
 - 1) Tensile Test, per FBC, ASTM D 638-03 along with marked-up drawings and installation diagram, prepared by ETC Laboratories, Inc., Test Report No. **ETC-01-741-11076.2**, dated November 03, 2001, signed and sealed by Joseph L. Doldan, P.E.
3. Test reports on SMC:
 - 1) Tensile Test, per FBC, ASTM D 638-03 along with marked-up drawings and installation diagram, prepared by ETC Laboratories, Inc., Test Report No. **ETC-01-741-10921.0**, dated March 30, 2001, signed and sealed by Joseph L. Doldan, P.E.
4. Test reports on TCM:
 - 1) Tensile Test, per FBC, ASTM D 638-03 along with marked-up drawings and installation diagram, prepared by ETC Laboratories, Inc., Test Report No. **ETC-01-741-10596.0**, dated August 02, 2001, signed and sealed by Joseph L. Doldan, P.E.
5. Test reports on:
 - 1) Self Ignition Test, per FBC, ASTM D 1929-96
 - 2) Smoke Density Test, per FBC, ASTM D 2843-99
 - 3) Rate of Burning Test, per FBC, ASTM D 635-98along with marked-up drawings and installation diagram, prepared by ETC Laboratories, Inc., Test Report No. **ETC-01-741-11250.0**, dated October 12, 2001, signed and sealed by Joseph L. Doldan, P.E.
6. Test reports on:
 - 1) Tensile Test, per FBC, ASTM G 26along with marked-up drawings and installation diagram, prepared by Sub-Tropical Testing Service, Test Report No. **STTS 00001**, dated September 25, 2000, signed and sealed by Ramesh Patel, P. E.



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No. 06-0406.12

Expiration Date: January 18, 2012

Approval Date: June 21, 2007

Therma - Thru Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. None

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of no financial, dated April 03, 2006, signed and sealed by Wendell W. Haney, P.E.
2. Statement letter of no financial, dated March 29, 2006, signed by Steve Jasperson.

G. OTHER

1. Test reports on:

1) Out Weathering Test, per SFBC, ASTM G 7
along with marked-up drawings and installation diagram, prepared by Sub-Tropical
Testing Service, Test Report No. **STTS 99-0513.01**, dated November 08, 1995
through December 15, 2000, signed by Lon S. Hicks.



Jaime D. Gascon, P.E.

Chief, Product Control Division

NOA No. 06-0406.12

Expiration Date: January 18, 2012

Approval Date: June 21, 2007

THERMA TRU®

THERMA TRU DOORS

1118 INDUSTRIAL DR., EDGERTON, OH 43517
 TEL. (419)298-1740 FAX (419)

COMPONENT APPROVAL

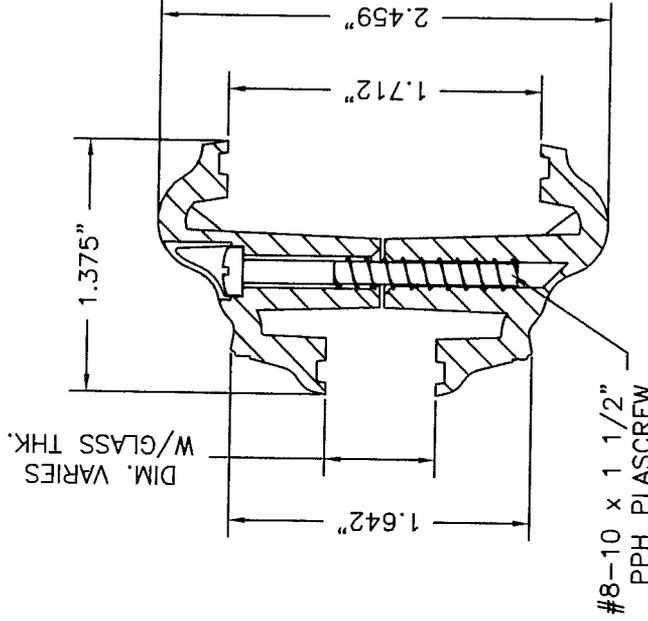
| PRODUCT PROPERTIES * | |
|---------------------------|---|
| DESCRIPTION | TEST RESULTS |
| Smoke Density Index | ASTM D2843-93 18% |
| Self Ignition Temperature | ASTM D1929-96 700°F |
| Rate of Burning | ASTM D635-96 <1.0 in./min. C-1 |
| Avg. Tensile Strength | 5 YR. 45 S. FL. Exposure & ASTM D638-96 |
| | Weathering Before After |
| | 5217 4821 PSI PSI |

*1. This Component Complies W/ FBC 2004, Plastic Requirements

2. Structural & impact rating is not part of this approval and must be conducted under separate approval.

Notes:

- 1. Plastic Type - Better Than Styrene (Therma-Tru's Polypropylene)
- 2. Color - White
- 3. Process - Injection molded as one piece
- 4. Mfg. Facility - Therma-Tru Mexico, Avenida Uniones S/N A.P. 87310, Parque Industrial Del Norte H. Matamoros Mexico



BTS LITE FRAME

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 06-0406-12
 Expiration Date 01/18/2012
 By: [Signature]
 Miami Dade Product Control
 Division

| TABLE OF CONTENTS | |
|-------------------|----------------|
| SHEET # | DESCRIPTION |
| 1 | BTS LITE FRAME |
| 2 | TCM LITE FRAME |
| 3 | PVC LITE FRAME |
| 4 | SMC LITE FRAME |

RW BUILDING CONSULTANTS, INC.
 813.659.9197

DATE: 8/14/01
 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: RW
 DRAWING NO.: S-2156-A1
 SHEET 1 OF 4

| REVISIONS | |
|-----------|----------|
| NO. | DATE |
| 1. | 12/17/01 |
| 2. | 03/27/06 |
| 3. | 07/07/06 |

Documents Prepared By: [Signature]
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vero Beach, FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate of Authorization No. 9813
 Wendell W. Haney, P.E. No. 54158
 5-22-01

THERMA TRU®

THERMA TRU DOORS
 118 INDUSTRIAL DR., EDGERTON, OH 43517
 TEL. (419)298-1740 FAX (419)

COMPONENT APPROVAL

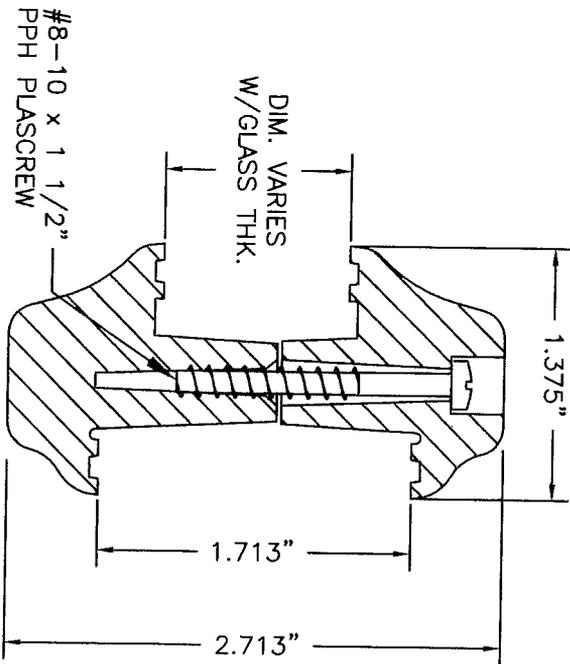
| PRODUCT PROPERTIES * | | | |
|---------------------------|---|-------------------|----------|
| DESCRIPTION | TEST | RESULTS | |
| Smoke Density Index | ASTM D2843-93 | 29% | |
| Self Ignition Temperature | ASTM D1929-96 | 680°F | |
| Rate of Burning | ASTM D635-96 | <2.5 in./min. C-2 | |
| Avg. Tensile Strength | 5 YR. 45 S. FL. Exposure & ASTM D638-96 | Weathering Before | 4674 PSI |
| | | After | 4421 PSI |

- This Component Complies w/ FBC 2004, Plastic Requirements
- Structural & impact rating is not part of this approval and must be conducted under separate approval.

Notes:

- Plastic Type - Thermo Cellular Molding Compound (Therma-Tru's Polypropylene).
- Color - Oak (Tan)
- Process - Injection molded as one piece
- Mfg. Facility - Therma-Tru Mexico, Avenida Uniones S/N A.P. 87310

Parque Industrial Del Norte
 H. Matamoros Mexico



TCM LITE FRAME

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 06-0406.12
 Expiration Date 01/18/2012
 By: *Wendell Hasey*
 Micanal Dade Product Control Division

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL. 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
Wendell Hasey 5-22-07
 Wendell W. Hasey, P.E. No. 54158

| NO. | DATE | REVISIONS | BY |
|-----|----------|--------------|-----|
| 3. | 07/07/06 | DADE LETTER | AEM |
| 2. | 03/27/06 | DADE RENEWAL | AEM |
| 1. | 12/17/01 | ADD NOTES | RW |

RW BUILDING CONSULTANTS, INC.
 813.659.9197

DATE: 8/14/01
 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: RW
 DRAWING NO.: S-2156-A1
 SHEET 2 OF 4

THERMA TRU®

THERMA TRU DOORS
 118 INDUSTRIAL DR., EDGERTON, OH 43517
 TEL. (419)298-1740 FAX (419)

COMPONENT APPROVAL

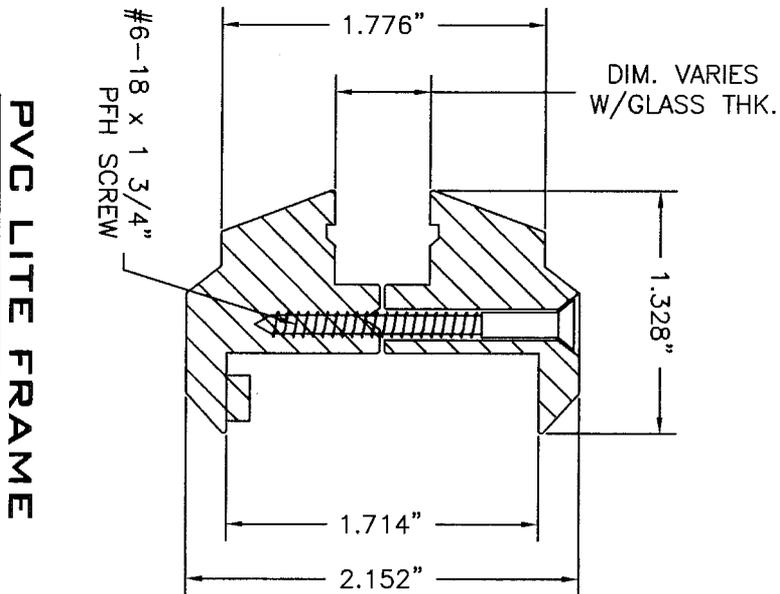
| DESCRIPTION | TEST | RESULTS * |
|---------------------------|---|----------------------|
| Smoke Density Index | ASTM D2843-93 | 57.8% |
| Self Ignition Temperature | ASTM D1929-96 | 700°F |
| Rate of Burning | ASTM D635-96 | <1.0 in./min. C-1 |
| Avg. Tensile Strength | 5 YR. 45 S. FL. Exposure & ASTM D638-96 | Before Weathering |
| | | 2145 PSI |
| | | After Weathering |
| | | 2097 PSI |

- *1. This Component Complies W/ FBC 2004, Plastic Requirements
- 2. Structural & Impact rating is not part of this approval and must be conducted under separate approval.

Notes:

- 1. Plastic Type - Polyvinyl Chloride (non-painted)
- 2. Color - Oak (Tan)
- 4. Process - Lineal extrusions mitered and stapled at corners
- 5. Mfg. Facility - Thermo-Tru Mexico, Avenida Uniones S/N A.P. 87310

Parque Industrial Del Norte
 H. Matamoros Mexico



PVC LITE FRAME

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 06-0906.12
 Expiration Date 01/18/2012
 By *[Signature]*
 Miami Trade Product Control Division

Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL. 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
Wendell W. Hapey 5-22-07
 Wendell W. Hapey, P.E. No. 54158

| NO. | DATE | REVISIONS | BY |
|-----|----------|--------------|-----|
| 3. | 07/07/06 | DADE LETTER | AEM |
| 2. | 03/27/06 | DADE RENEWAL | AEM |
| 1. | 12/17/01 | ADD NOTES | RW |
| | | | |

R⁹W BUILDING CONSULTANTS, INC.
 813.659.9197

| | |
|--------------|-----------|
| DATE: | 8/14/01 |
| SCALE: | N.T.S. |
| DWG. BY: | TJH |
| CHK. BY: | RW |
| DRAWING NO.: | S-2156-A1 |
| SHEET | 3 OF 4 |

THERMA TRU

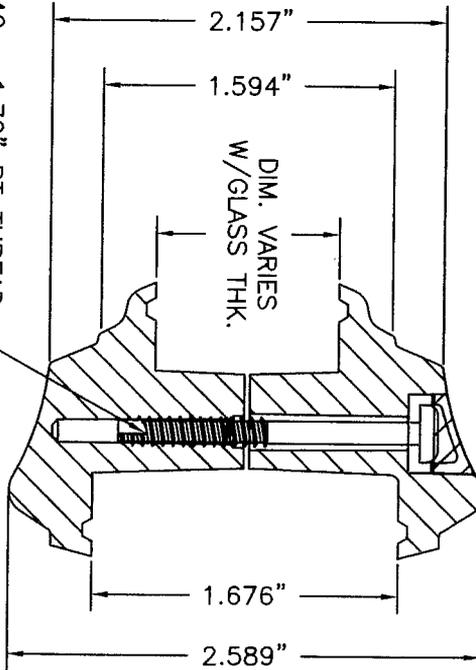
THERMA TRU DOORS
 118 INDUSTRIAL DR., EDGERTON, OH 43517
 TEL. (419)298-1740 FAX (419)

COMPONENT APPROVAL

| PRODUCT PROPERTIES * | | TEST | RESULTS |
|---------------------------|---------------------------------|----------|----------------------|
| DESCRIPTION | ASTM | D2843-93 | 16.9% |
| Smoke Density Index | ASTM | D1929-96 | 700°F |
| Self Ignition Temperature | ASTM | D635-96 | <1.0 In./min. C-1 |
| Rate of Burning | 5 YR. 45 S. FL. Exposure & ASTM | Before | After |
| Avg. Tensile Strength | D638-96 | 5962 PSI | 6200 PSI |

- *1. This Component Complies w/ FBC 2004, Plastic Requirements
- Structural & impact rating is not part of this approval and must be conducted under separate approval.

K40 x 1.79" PT THREAD
 SCREW, MAJOR DIA. 4.0mm



SMC LITE FRAME

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 06-0406-12
 Expiration Date 01/18/2012
 By *[Signature]*
 Miami/Dade Product Control Division

- Notes:
1. Plastic Type — Sheet Molding Compound — Glass reinforced Polyester (Therma-Tru's Fiberglass).
 2. Color — Oak (Tan)
 4. Process — Compression molded as one piece
 5. Mfg. Facility — Therma-Tru Indiana, 108 Mutzfeld Road, Butler Indiana 46721

Documents Prepared By:

RW

BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197

Florida Board of Professional Engineers
 Certificate of Authorization No. 9813

[Signature] 5-22-07
 Wendell W. Haney, P.E. No. 54158

| NO. | DATE | REVISIONS | BY |
|-----|----------|--------------|-----|
| 3. | 07/07/04 | DADE LETTER | AEM |
| 2. | 03/27/06 | DADE RENEWAL | AEM |
| 1. | 12/17/01 | ADD NOTES | RW |

RW BUILDING CONSULTANTS, INC.
 813.659.9197

DATE: 8/14/01
 SCALE: N.T.S.
 DWG. BY: TJH
 CHK. BY: RW
 DRAWING NO.: S-2156-A1
 SHEET 4 OF 4