



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 Certificate of Authorization No. 9813

Anchor Evaluation Report

Report No.: FL-5262.6-68 R2

Date: August 12, 2009

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Therma Tru Corporation 118 Industrial Dr Edgerton, OH 43517 Phone 419.298.1740	"Premium Series", "Construction Series" and "Benchmark by Therma-Tru" 6'8 Single Opaque or Glazed Panel w/ & w/o Sidelites and Transom Inswing / Outswing Wood Edge Steel Door

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. 9B-72.070, Method 1A of the State of Florida Product Approval, Dept. of Community Affairs - Florida Building Commission.

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.

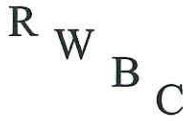
Limitations:

1. This product anchoring has been developed in compliance with the 2007 Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone". See the Certification Agency Certificate for sizes, specifications and design pressure ratings.
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. Wood screws shall be installed following installations instructions of ANSI AF&PA NDS 2005. All other fastener types to be installed following fastener manufacture's installation instructions.
4. Fastener embedment depths, edge distance and center-center distances shall be specified by the fastener manufacture, but in no instance shall they be less than shown in drawing FL-5262.6-68.
5. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the FBC.
6. Positive and negative design pressure requirements for use with drawing FL-5262.6-68 shall be determined by others for specific jobs in accordance with the governing code.
7. Site conditions that deviate from the details of drawing FL-5262.6-68 require further engineering analysis by a licensed engineer or registered architect.

Supporting Documents:

- | | | | |
|---|--|--|---|
| 1. Test Report No.
NCTL-210-2030-1
TEL 01460147 | Test Standard
AAMA/NWWDA/101/I.S.2-97
ASTM E330-02 | Testing Laboratory
NCTL
Testing Evaluation Lab. | Signed by
Barry D. Portnoy, P.E.
Lyndon F. Schmidt, P.E. |
| 2. Drawing No.
No. FL-5262.6-68 | Prepared by
RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 3. Calculations
Product Anchoring
Buck Anchoring | Prepared by
RW Building Consultants, Inc. (CA #9813)
RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E.
Lyndon F. Schmidt, P.E. |

Lyndon F. Schmidt, P.E.
FL PE No. 43409
9/8/2009



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Anchor Evaluation Report

Report No.: FL-5262.6-80 R2

Date: August 12, 2009

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Therma Tru Corporation 118 Industrial Dr Edgerton, OH 43517 Phone 419.298.1740	"Premium Series, "Construction Series" and "Benchmark by Therma-Tru" 8'0 Single Opaque or Glazed Panel w/ & w/o Sidelites and Transom Inswing / Outswing Wood Edge Steel Door

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. 9B-72.070, Method 1A of the State of Florida Product Approval, Dept. of Community Affairs - Florida Building Commission.

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Limitations:

1. This product anchoring has been developed in compliance with the 2007 Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone". See the Certification Agency Certificate for sizes, specifications and design pressure ratings.
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. Wood screws shall be installed following installations instructions of ANSI AF&PA NDS 2005. All other fastener types to be installed following fastener manufacture's installation instructions.
4. Fastener embedment depths, edge distance and center-center distances shall be specified by the fastener manufacture, but in no instance shall they be less than shown in drawing FL-5262.6-80.
5. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the FBC.
6. Positive and negative design pressure requirements for use with drawing FL-5262.6-80 shall be determined by others for specific jobs in accordance with the governing code.
7. Site conditions that deviate from the details of drawing FL-5262.6-80 require further engineering analysis by a licensed engineer or registered architect.

Supporting Documents:

- | | | | |
|---|--|--|---|
| 1. Test Report No.
NCTL-210-2030-1
TEL 01460147 | Test Standard
AAMA/NWWDA/101/I.S.2-97
ASTM E330-02 | Testing Laboratory
NCTL
Testing Evaluation Lab. | Signed by
Barry D. Portnoy, P.E.
Lyndon F. Schmidt, P.E. |
| 2. Drawing No.
No. FL-5262.6-80 | Prepared by
RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 3. Calculations
Product Anchoring
Buck Anchoring | Prepared by
RW Building Consultants, Inc. (CA #9813)
RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E.
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Lyndon F. Schmidt, P.E.
FL PE No. 43409
9/8/2009



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Florida Board of Professional Engineers Certificate of Authorization No. 9813

Anchor Evaluation Report

Report No.: FL-5262-68M R2
Date: August 26, 2009

Product Category	Sub Category	Manufacturer	Product Name
Exterior Doors	Swinging Exterior Door Assemblies	Therma Tru Corporation 118 Industrial Dr Edgerton, OH 43517 Phone 419.298.1740	6'8 Single & Double Opaque or Glazed Doors w/ & w/o Sidelites Outswing Direct to Masonry Installation

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. 9B-72.070, Method 1A of the State of Florida Product Approval, Dept. of Community Affairs - Florida Building Commission.

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 anchoring has been developed in compliance with the 2007 Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone". See the Certification Agency Certificate for sizes, specifications and design pressure ratings.
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. Wood screws shall be installed following installations instructions of ANSI AF&PA NDS 2005. All other fastener types to be installed following fastener manufacture's installation instructions.
4. Fastener embedment depths, edge distance and center-center distances shall be specified by the fastener manufacture, but in no instance shall they be less than shown in drawing FL-5262-68M.
5. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the FBC.
6. Positive and negative design pressure requirements for use with drawing FL-5262-68M shall be determined by others for specific jobs in accordance with the governing code.
7. Site conditions that deviate from the details of drawing FL-5262-68M require further engineering analysis by a licensed engineer or registered architect.

Supporting Documents:

- | | | | |
|---|--|--|---|
| 1. Test Report No.
TEL 01460145
ETC 01-741-11006.0 | Test Standard
ASTM E330-02 / E1886-02 / E1996-02
ASTM E330-02 / TAS 201, 202, 203-94 | Testing Laboratory
Testing Evaluation Lab.
ETC Laboratories | Signed by
Lyndon F. Schmidt, P.E.
Joseph L. Dolden, P.E. |
| 2. Drawing No.
No. FL-5262-68M | Prepared by
RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E. |
| 3. Calculations
Product Anchoring
Buck Anchoring | Prepared by
RW Building Consultants, Inc. (CA #9813)
RW Building Consultants, Inc. (CA #9813) | | Signed & Sealed by
Lyndon F. Schmidt, P.E.
Lyndon F. Schmidt, P.E. |

Lyndon F. Schmidt, P.E.
FL PE No. 43409
9/5/2009