NOTICE OF ACCEPTANCE (NOA)

Designer Products LLC dba Cambek Designer Doors
702 Troy Street
River Falls, WI 54022

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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: Models H-3 / H-4 (Glazed) Insulated Wood Sectional Garage Door up to 18'-0” Wide x 8'-0” High


MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer’s name or logo, manufacturing address, model/series number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading ‘Miami-Dade County Product Control Approved’ to be located on the door’s side track, bottom angle, or inner surface of a panel.

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. An original signed and sealed company letter from Designer Doors, Inc. is required, proving that the Models H-3 / H-4 18'-0” Wide Wood Sectional Garage Door was purchased from them in order for this NOA to be valid on any job.

This NOA revises NOA #17-0712.09 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

NOA No. 18-1128.03
Expiration Date: March 18, 2020
Approval Date: January 10, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous NOAs

A. DRAWINGS “Submitted under NOA # 14-1118.17”

B. TESTS “Submitted under NOA # 10-1119.02”
   1. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
      2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
      along with marked-up drawings and installation diagram on a Series/Model H2/4 Section, glazed garage door, prepared by Architectural Testing, Inc., Test Report No. 94833.01-201-18, dated 01/13/2010, signed and sealed by Joseph A. Reed, P.E.
   2. Addendum letter to Test Reports No. 87472.01-201-18 and 87473.01-201-18 on Forced Entry Test per FBC, FBC 2411 3.2.1, TAS 202-94, prepared by Architectural Testing, Inc., dated 08/18/2009, signed and sealed by Joseph A. Reed, P.E.

“Submitted under NOA # 08-1224.07”
   3. Test reports on 1) Uniform Static Air Pressure Test Loading per FBC, TAS 202-94
      2) Large Missile Impact Test per FBC, TAS 201-94
      3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
      along with marked-up drawings and installation diagram of a Double Wide Hurricane Impact Un-Glazed and Glazed Garage Doors, prepared by Hurricane Test Laboratory, LLC, Test Report No. G507-0402-08, dated 08/21/2008, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS: “Submitted under NOA # 08-1224.07”

D. QUALITY ASSURANCE
   1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS “Submitted under NOA # 14-1118.17”
   2. Notice of Acceptance No. 11-0325.05 issued to Solutia, Inc. for their “Saflex IIG” approved on 05/05/2011, expiring on 05/21/2016.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-1128.03
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E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS “Submitted under NOA # 14-1118.17”

2. Evidence submitted under NOA # 17-0712.09

A. DRAWINGS

B. TESTS
1. None.

C. CALCULATIONS
1. None.

D. QUALITY ASSURANCE
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 16-1117.01, issued to Kuraray America, Inc. for their “Trosifol UltraClear, Clear and Color PVB Glass Interlayers approved on 01/19/2017, expiring on 07/08/2019.
2. Notice of Acceptance No. 15-1201.11, issued to Eastman Chemical Company (MA) for their “Saflex Clear and Color Glass Interlayers” approved on 03/17/2016, expiring on 05/21/2021.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-1128.03
Expiration Date: March 18, 2020
Approval Date: January 10, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

D. QUALITY ASSURANCE
   1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-1128.03
Expiration Date: March 18, 2020
Approval Date: January 10, 2019
GENERAL NOTES:
1. THESE GARAGE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR
DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE ALLOWABLE DESIGN PRESSURE
TABLES(3).
2. SPRING & MECHANISM ASSEMBLIES MUST BE PROPERLY DESIGNED AND
INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL MOUNTING & FASTENERS SHALL BE IN ACCORDANCE WITH THE DRAWINGS &
SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWING. SPECIFIED ANCHOR
SCREWS HAVING STABILIZED MATERIAL SHALL BE BEFORE WALL, FLOOR OR STUCCO
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED &
PROPOSED FOR IMPACT, CYCLIC & UNIFORM WIND PRESSURE TESTING IN
CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS 261-201, 202 & 203 FOR
LARGE WIDELY SPACED GARAGE DOORS.
5. THESE GARAGE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET
THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HURRICANE ZONES (H3).
6. SUPPORT BRACKETS ARE REQUIRED WITH THESE GARAGE DOORS.
7. ALL ANCHORS SECURING DOORS TO FRAMEWORK ARE TO BE ACHIEVED IN THE
WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE IN REINFORCING;
THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING
WIND SPEEDS. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING
CODE, A DIRECTIONAL FACTOR OF Kd = 0.50 MAY BE APPLIED WHEN USED IN
CONJUNCTION WITH LOAD COMBINATIONS SPECIFIED IN SECTION 2.5 OF THE ACE 7
STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS
PRODUCT. WIND LOAD DURATION FACTOR C1 = 1.5 WAS USED FOR WOOD SCREW
ANALYSIS ONLY.
10. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH
MAGNETIC OR CONCRETE SUBSTRATES ARE SUBJECT TO HORIZONTAL & VERTICAL
AND ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED
IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 528.

ALLOWABLE DESIGN PRESSURE
(ALL DOOR CONDITIONS)
+45/65 PSF

(4 D.O.L CONDITIONS SHOWN. MORE THAN 4
D.O.L.S. MAY BE PLACED ACROSS THE DOOR IN
THE TOP OR TOP MIDDLE SECTION OF THE DOOR)

NOTE: ALL REMOVABLE STORM POST
CONNECTORS SHALL BE LINKED TO THE
DOOR OR THE DOOR TRACKS SUCH THAT
WHEN REMOVED, THEY WILL NOT BE LOST
OR MISPLACED & WILL BE STORED IN AN
ACCESSIBLE LOCATION.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 18-1128.03
Expiration Date 03/18/2020
By: Miami-Dade Product Control
**EXTERIOR ELEVATION: RAISED PANEL GARAGE DOOR**

Scale: 3/8" = 1'-0"

(NON-GLAZED DOOR SHOWN, GLAZED DOOR IS SIMILAR)

1 3/8" THK. WOOD FRAME MEMBERS (5 1/4" WIDE AT VERTICAL PERIMETERS & INTERMEDIATES, 5 1/8" WIDE AT TOP & BOTTOM HORIZONTALS; 2 1/2" WIDE EACH SIDE OF HORIZONTAL PANEL SEAMS)

5MM EXTERIOR GRADE PLYWOOD (INTERIOR FACE & EXTERIOR FACE) SECURED TO THE PANEL WITH URETHANE ADHESIVE & STAPLES

1 3/8" POLYSTYRENE INSULATION

MIN. 3/4" THK. RAISED PANEL WITH 3/4" THK. FACE BOARDS, SECURED TO PLYWOOD WITH URETHANE ADHESIVE & STAPLES.

**PRODUCT REVISED as complying with the Florida Building Code**

NOA-No. 18-1126.03

Expiration Date 03/18/2020

By Miami-Dade Product Control

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**EXTERIOR ELEVATION: FLAT PANEL GARAGE DOOR**

Scale: 3/8" = 1'-0"

(NON-GLAZED DOOR SHOWN, GLAZED DOOR IS SIMILAR)

1 3/8" THK. WOOD FRAME MEMBERS (5 1/4" WIDE AT VERTICAL PERIMETERS & INTERMEDIATES, 5 1/8" WIDE AT TOP & BOTTOM HORIZONTALS; 2 1/2" WIDE EACH SIDE OF HORIZONTAL PANEL SEAMS)

5MM EXTERIOR GRADE PLYWOOD (INTERIOR FACE & EXTERIOR FACE) SECURED TO THE PANEL WITH URETHANE ADHESIVE & STAPLES

1 3/8" POLYSTYRENE INSULATION

MIN. 1/2" THK. PREMADE MDO PLYWOOD OR EXTERIOR GRADE MDF SECURED TO PLYWOOD WITH URETHANE ADHESIVE & STAPLES

**Typ. Raised Panel Detail**

Scale: N.T.S.

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**Typ. V-Groove Panel Detail**

Scale: N.T.S.

1 3/8" THK. WOOD FRAME MEMBERS (5 1/4" WIDE AT VERTICAL PERIMETERS & INTERMEDIATES, 5 1/8" WIDE AT TOP & BOTTOM HORIZONTALS; 2 1/2" WIDE EACH SIDE OF HORIZONTAL PANEL SEAMS)

5MM EXTERIOR GRADE PLYWOOD (INTERIOR FACE & EXTERIOR FACE) SECURED TO THE PANEL WITH URETHANE ADHESIVE & STAPLES

1 3/8" POLYSTYRENE INSULATION

MIN. 9/16" THK. V-GROOVE WOOD WITH MIN. 3" WIDE FACE REVEAL SECURED TO PLYWOOD WITH URETHANE ADHESIVE & STAPLES.

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**Typ. Flat Panel Detail**

Scale: N.T.S.

1 3/8" THK. WOOD FRAME MEMBERS (5 1/4" WIDE AT VERTICAL PERIMETERS & INTERMEDIATES, 5 1/8" WIDE AT TOP & BOTTOM HORIZONTALS; 2 1/2" WIDE EACH SIDE OF HORIZONTAL PANEL SEAMS)

5MM EXTERIOR GRADE PLYWOOD (INTERIOR FACE & EXTERIOR FACE) SECURED TO THE PANEL WITH URETHANE ADHESIVE & STAPLES

1 3/8" POLYSTYRENE INSULATION

MIN. 1/2" THK. PREGROOVED MDO PLYWOOD OR EXTERIOR GRADE MDF SECURED TO PLYWOOD WITH URETHANE ADHESIVE & STAPLES.
**Storm Post Top End Installation Detail (Into Wood Substrate)**

Product Revised as complying with the Florida Building Code MOA No. 18-1128.03

Expiration Date: 03/18/2020

By Miami-Dade Product Control

- **MIN. 2500 PSI Concrete Substrate by Others**
- **Optional Wood Plate (Thickness as Req'd)**
- **1/4" Concrete Screws (1 3/4" Min. Concrete Embed & 2 1/2" Min. Concrete Edge Distance) (4 per Bracket)**
- **Concrete Screws shall be ELCO Ultralons, ITW Ramset/Red Head Tapcons or ILMT Kwik-Con II (Harden Steel or S.S.).**

See Glazing Options Below

- **1 1/2" Brad Nails within 1 1/2" of Ends & Max. 3" O.C.**
- **7/16" X 1" Glass Stop (Douglas Fir)**

**Glazing Options:**

- **Option 1:** 3/8" Laminated Glass (1/8"
  AN/0.09 Soluita Saphlex III PVB/1/8" AN)
- **Option 2:** 3/8" Laminated Glass (1/8"
  AN/0.09 Dupont Butacite PVB/1/8" AN)
MIN. (4) 2X_ STUDS (SYP WITH S.G.=0.55 MIN.) REQUIRED BY OTHERS

5/16" LAG BOLT WITH MIN. 2 1/2" FRAMING EMBED TO PENETRATE EITHER OF THE FRAMING STUDS (PREDRILL 3/16" DIA. HOLE IN FRAMING)

MIN. 3/4" X 3 1/4" TRIM PIECE SECURED TO WOOD FRAMING WITH NO. 8 BOX NAILS WITHIN 3" OF ENDS & MAX. 12" O.C.

MIN. (4) 2X_ STUDS (SYP WITH S.G.=0.55 MIN.) REQUIRED BY OTHERS

5/16" LAG BOLT WITH MIN. 2 1/2" FRAMING EMBED TO PENETRATE EITHER OF THE FRAMING STUDS (PREDRILL 3/16" DIA. HOLE IN FRAMING)

MIN. 3/4" X 3 1/4" TRIM PIECE SECURED TO WOOD FRAMING WITH NO. 8 BOX NAILS WITHIN 3" OF ENDS & MAX. 12" O.C.

3/8" DIA. RAWL POWER-BOLT, RAMSET RED HEAD DYNA BOLT OR HILTI Kwik Bolt 3 Expansion Anchor (MIN. EMBED INTO SUBSTRATE = 3"

OPTIONAL TRIM PIECE

INSTALLATION DETAIL
DIRECT TO WOOD FRAMING

3/8" DIA. RAWL POWER-BOLT, RAMSET RED HEAD DYNA BOLT OR HILTI Kwik Bolt 3 Expansion Anchor (MIN. EMBED INTO SUBSTRATE = 3"

CONTINUOUS NO. 2 SOUTHERN PINE P.T. OR MAHOGANY SPACER MIN. S 1/2" WIDE

CONTINUOUS WOOD MEMBER MIN. 3 1/2" WIDE

OPTIONAL TRIM PIECE

INSTALLATION DETAIL
SHIMMED TO WOOD FRAMING

NOTE: CONCRETE MUST BE MIN. 2500 PSI

INSTALLATION DETAIL
DIRECT TO FILLED BLOCK OR SOLID CONCRETE

NOTE: CONCRETE MUST BE MIN. 2500 PSI

390 CONCRETE BLOCK WITH MIN. 2000 PSI GROUTED CELLS OR MIN. 2500 PSI SOLID CONCRETE

MATCH DRILL HOLES FOR STORM POST BRACKET

ADAPTER PLATE

PRODUCT REVISED
as complying with the Florida Building Code

NDA-No. 18-1126.03

Expiration Date 03/18/2020

By

Miami-Dade Product Control

R=0.48

7.50

0.5

0.105

2.625

2.416

4 SINGLE PIN HINGE

R=0.48

1.300

20 GA. PIN

1.280

2.160

0.531

0.250

0.500

0.188 MIN.

0.500

3.500

0.500

4.000

MATCH DRILL HOLES FOR STORM POST BRACKET

ADAPTER PLATE

PRODUCT REVISED
as complying with the Florida Building Code

NDA-No. 18-1126.03

Expiration Date 03/18/2020

By

Miami-Dade Product Control

R=0.48

7.50

0.5

0.105

2.625

2.416

4 SINGLE PIN HINGE

R=0.48

1.300

20 GA. PIN

1.280

2.160

0.531

0.250

0.500

0.188 MIN.

0.500

3.500

0.500

4.000

MATCH DRILL HOLES FOR STORM POST BRACKET
Panel Notes:
1. Horizontal & Vertical Frame members are edge coped, butt, together & glued with type 1 wood glue. In addition, the vertical members are screwed to the horizontal with 2 No. 8 x 2" screws angled from the back face of the door.
2. 2mm plywood is stapled to the frame with 18 GA x 1 1/4" x 1/4" staples and glued with decabond 948 urethane adhesive or equivalent.
3. The exterior panel/strips are attached to the 5mm plywood and frame with 18 GA x 1 1/2" x 1/4" staples and Chemwex 948 urethane adhesive.
4. Exterior finish wood (panels/strips) used in testing was NO. 2 western red cedar with a specific gravity of G = 0.32. Other wood species applicable for use with this product are those with a specific gravity of 0.32 or greater.
5. All interior frame members shall be NO. 2 Douglas fir with G = 0.45.
6. It is the option of designer to incorporate an interior finish face on any door. This face shall be equal to the exterior faces approved per the details on this drawing and be secured to the door in the same manner as the exterior face. This interior face shall be an additional layer and shall not replace any layer shown in the details on this sheet. Also, all hardware shown shall be lengthened to MIN. 2 1/4" to allow for the additional thickness of the added interior skin.

Product Revised
as complying with the Florida Building Code
NOA No. 18-1128.03
Effective Date: 12-18-2020

By
Miami-Dade Product Control

0.276
0.472
0.472
0.394
0.157
0.984
0.307
0.157
0.551
0.956
0.474

Slide Lock