South Florida Rolling Doors, Inc.
3590 NW 34 Street
Miami, FL 33142

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: Series 1675 Steel Roll-up Door up to 16'-9 1/2” Wide

APPROVAL DOCUMENT: Drawing No. AD14-11, titled “Series 1675 Rolling Door (LMI & SMI)”, sheets 1 through 4 of 4, dated 09/24/2014, with revision 1 dated 02/18, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer’s name or logo, manufacturing address, model 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’ is 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.

This NOA revises NOA # 14-1001.05 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.
The submitted documentation was reviewed by Carlos M. Utrera, P.E.

NOA No. 18-0828.10
Expiration Date: April 16, 2020
 Approval Date: October 25, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 14-1001.05

A. DRAWINGS
1. Drawing No. AD14-11, titled “Series 1675 Rolling Door (LMI & SMI)”, sheets 1 through 4 of 4, dated 09/24/2014, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

B. TESTS
1. 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
4) Forced Entry Test, per FBC, TAS 202-94
5) Tensile Test per ASTM E8,
   Along with marked-up drawings and installation diagram of Series 1675 Rolling Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-7811, dated 08/20/2014, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

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

E. MATERIAL CERTIFICATIONS
1. Notice of acceptance No. 11-0926.07 issued to Dyplast Products LLC for their Expanded Polystyrene Block Type Insulation, approved on 11/10/2011 and expiring on 01/11/2017.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0828.10
Expiration Date: April 16, 2020
Approval Date: October 25, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New evidence submitted

A. DRAWINGS
   1. Drawing No. AD14-11, titled “Series 1675 Rolling Door (LMI & SMI)”, sheets 1 through 4 of 4, dated 09/24/2014, with revision 1 dated 02/18, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

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. 17-1207.04 issued to Dyplast Products LLC for their E and R Expanded Polystyrene Rigid Foam Insulations, approved on 02/01/2018 and expiring on 01/11/2022.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 18-0828.10
Expiration Date: April 16, 2020
Approval Date: October 25, 2018
GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE 6TH EDITION. INCLUDED HIGH VELOCITY HURRICANE ZONE (HVHZ).

- THE ROLLING UP DOOR HAVE BEEN TESTED AS PER FBC 2017 TAS 201, 202 AND 203 FOR LARGE MISSILE IMPACT FORCEN ENTRY RESISTANCE TEST PER AAMA 1303.5 IN ACCORDANCE WITH CHAPTER 17 OF THE 2017 FBC.

- DESIGN LOAD SHALL BE DETERMINED BASED ON BASIC WIND SPEED, BUILDING HEIGHT AND WIND ZONE USING APPLICABLE ASCE 7 STANDARD

- ULTIMATE DESIGN LOAD OBTAINED FROM ASCE 7-10, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO DESIGN LOAD IN THIS DOCUMENT.

- HOOD TO BE 24 GA. ASTM A653 DESIGNATION G - 90 FINISH TYPE COATING

- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

- MATERIALS INCLUDING BUT NOT LIMITED TO STEELMETAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2017 FLORIDA BUILDING CODE SECTION AS APPLICABLE.

- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE EXISTING STRUCTURE IS DESIGNED TO SUPPORT Vx & Vy FORCES AT BOTH JAMBS. REFER TO SHEET 3 FOR Vx AND Vy.
BOTTOM BAR DETAIL

NOTES:

1. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXISTING OPENING.
2. THE DETAILS CAN BE USED IN ANY COMBINATION.
<table>
<thead>
<tr>
<th>MAXIMUM DESIGN LOAD (PSF)</th>
<th>DOOR WIDTH (IN)</th>
<th>DESIGN SLIP (IN)</th>
<th>Vx (LB/FT)</th>
<th>Vy (LB/FT)</th>
<th>MOUNTING A1</th>
<th>MOUNTING A2</th>
<th>MOUNTING A3</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TYPE D</td>
<td>TYPE A</td>
<td>TYPE B</td>
</tr>
<tr>
<td>±75</td>
<td>≤ 201.5</td>
<td>3/4</td>
<td>2265</td>
<td>652</td>
<td>7 1/2&quot;</td>
<td>-</td>
<td>6 5/8&quot;</td>
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<tr>
<td></td>
<td>180</td>
<td>1/2</td>
<td>2261</td>
<td>584</td>
<td>7 3/4&quot;</td>
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<td>509</td>
<td>8 3/4&quot;</td>
<td>5&quot;</td>
<td>7 3/8&quot;</td>
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<tr>
<td></td>
<td>132</td>
<td>1/4</td>
<td>1794</td>
<td>434</td>
<td>10&quot;</td>
<td>5 5/8&quot;</td>
<td>8&quot;</td>
</tr>
</tbody>
</table>

**TYPICAL ANCHORS @ JAMB:**

(SEE CHART FOR SPACING)

**TYPE A.**
1/2" DIA. LDT ANCHOR BY ITW. (SEE CHART FOR SPACING)
DIRECTLY INTO $f'_c=4000$ PSI CONCRETE,
4 1/2" MIN. EMBEDD.
MIN EDGE 4" @ MOUNTING A2
MIN EDGE 4" @ MOUNTING A3

**TYPE B.**
3/8" DIA. WEDGE BOLT ANCHOR BY POWER
DIRECTLY INTO CONCRETE $f'_c=4000$ PSI MIN.
3 1/2" MIN. EMBEDD.
MIN EDGE 4" @ MOUNTING A2
MIN EDGE 4" @ MOUNTING A3

**TYPE C.**
1/2" DIA. WEDGE BOLT ANCHOR BY POWER
DIRECTLY INTO CONCRETE $f'_c=4000$ PSI MIN.
4" MIN. EMBEDD.
MIN EDGE 5" @ MOUNTING A2
MIN EDGE 5" @ MOUNTING A3

**TYPE D.**
1/16" x 1" LONG WELDS ELECTRODE E70
WELDED TO STEEL 3/16" MIN. THICK STEEL; $F_y = 36$ KSI MIN.
MOUNTING A1

**TYPE E.**
5/16 DIA. CARRIAGE BOLTS W/ WASHER & NUTS
CONNECT STEEL ANGLE TO TRACK @ 7" O.C.
MOUNTING A3
# BILL OF MATERIALS

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>QTY.</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>MANUFACTURER/REMARKS</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>AS REGD.</td>
<td>24GA (0.024&quot;) FLAT SLAT</td>
<td>GALVANIZED STEEL OR STAINLESS STEEL</td>
<td>ASTM A653 Fy = 97 KSI OR STAINLESS STEEL AISI 304 Fy = 79 KSI</td>
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<tr>
<td>B</td>
<td>EVERY OTHER SLAT</td>
<td>11 GA WIND LOCKS</td>
<td>PLATED STEEL</td>
<td>ASTM A36 MIN.</td>
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<tr>
<td>C</td>
<td>2 PER FRAME</td>
<td>ROLLFORMED STEEL TRACK</td>
<td>GALVANIZED STEEL</td>
<td>ASTM A36</td>
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<tr>
<td>D</td>
<td>AS REGD.</td>
<td>2 x 2 x 1/4&quot; STEEL ANGLE</td>
<td>GALVANIZED STEEL</td>
<td>ASTM A36</td>
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<tr>
<td>E</td>
<td>AS REGD.</td>
<td>EXPANDED POLYSTYRENE BLOCK TYPE INSULATION</td>
<td>POLYSTYRENE</td>
<td>DYPLAST PRODUCTS LLC. (NOA 11-0925-07)</td>
</tr>
</tbody>
</table>

**INTERLOCKING SLATS W/ WINDLOCKS**

@ EVERY OTHER SLAT