Best Rolling Doors, Inc.
9780 NW 79th Avenue
Hialeah Gardens, FL 33016

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 S10-6065, S10-6565, and S10-100 Steel Roll-up Door up to 30’-4½” Wide

APPROVAL DOCUMENT: Drawing No. 17-4669, titled “Steel Roll-Up Doors”, sheets 1 through 6 of 6, dated 08/16/2017, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., on 02/08/2018 bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and the 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.

LIMITATION: Roll-up mechanism is not part of this approval.

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 & renews NOA #17-1031.08 and consists of this page 1 and evidence submitted pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

[Signature]
06/06/2019

NOA No. 19-0311.03
Expiration Date: 11/20/2023
Approval Date: 06/06/2019
Page 1
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

A. DRAWINGS “Submitted under NOA # 13-0905.07”

B. TESTS “Submitted under NOA # 06-0808.09”
   1. Test report on Uniform Static Air Pressure per TAS 202, Large Missile Impact Test per TAS 201 and Cyclic Wind Pressure Test per TAS 203 of Series Roll up Door prepared by Fenestration Testing Laboratory, Inc. Report # 4845, dated 04/21/2006, signed and sealed by Edmund Largaespada, P.E.

C. CALCULATIONS “Submitted under NOA # 09-0105.06”
   1. Calculations for attachment of angle guides to steel or concrete jamb, prepared by Joseph H. Dixon, Jr., P.E., Product Design Consultant, dated 03/01/2008, signed and sealed by J. H. Dixon, Jr., P.E.
   2. Calculations for attachment of C-channel guide to steel or concrete jamb, prepared by Joseph H. Dixon, Jr., P.E., Product Design Consultant, dated 03/01/2008, signed and sealed by J. H. Dixon Jr., P.E.

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

E. MATERIAL CERTIFICATIONS “Submitted under NOA # 06-0808.09”
   1. Test Report on Tensile Test prepared by Fenestration Testing Laboratory, Inc., dated 05/16/2006, signed and sealed by Edmund Largaespada, P.E.

F. STATEMENTS

   “Submitted under NOA # 09-0105.06”

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 19-0311.03
Expiration Date: 11/20/2023
Approval Date: 06/06/2019

E -1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL NOA #17-1031.09

A. DRAWINGS
   1. Drawing No. 17-4669a, titled “Steel Roll-Up Doors”, sheets 1 through 4 of 4, dated 08/16/2017, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., on 10/24/2017.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS

NEW EVIDENCE SUBMITTED

A. DRAWINGS
   1. Drawing No. 17-4669, titled “Steel Roll-Up Doors”, sheets 1 through 6 of 6, dated 08/16/2017, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., on 02/08/2018.

B. TESTS
   1. None.

C. CALCULATIONS
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 19-0311.03
Expiration Date: 11/20/2023
Approval Date: 06/06/2019
STEEL ROLL-UP DOORS
MODELS S10-6065, S10-6565 & S10-100

GENERAL NOTES:
1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE SIXTH EDITION (2007) FOR USE INSIDE AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE PERS FAH 2001, 202, AND 203 STANDARDS. SEE PRODUCER’S MANUFACTURER’S SPECIFICATIONS IN COMPLIANCE WITH POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7 AND CHAPTER 1609 OF THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN (TABLE 1) FOR ANY ASSEMBLY AS SHOWN.
2. ALLOWABLE DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
3. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT. THESE INSTALLATION INSTRUCTIONS ARE PART OF A PRODUCT APPROVAL EVALUATION AND SHALL ONLY BE USED IN CONJUNCTION WITH THE EVALUATION REPORT SUBMITTED FOR THE SAME PRODUCT APPROVAL.
4. SLATS TO BE A.S.T.M. A-653 OR 95 STRUCTURAL QUALITY STEEL WITH MIN. FY = 50 KSI AND G-90 GALVANIZING PER A.S.T.M. A-653, OR A.S.T.I. 2.54 SERIES STAINLESS STEEL MANUFACTURED WITH A MINIMUM YIELD STRENGTH OF Fy = 50 KSI.
5. GLASS TO BE A.S.T.M. A-1011.
6. ALL ASSEMBLY BOLTS TO BE S.A.E. GRADE 5 CADMIUM PLATED OR GALVANIZED STEEL.
7. ALL RIVETS TO BE A.S.T.I. 1035 STEEL, CADMIUM PLATED, STAINLESS STEEL OR ZINC PLATED W/F = 37,000 PSI.
8. INSULATION MATERIAL SHALL BE EPS-EXPANDED POLYSTYRENE INSULATION MANUFACTURED BY EPSLAB PRODUCTS LLC COMPANY, MIAMI-Dade COUNTY NOTICE OF ACCEPTANCE #16-1126.05 OR LATEST VERSION.
9. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL DOOR IMPACTED ON BOTH SIDES.
10. GUIDE DETAILS CAN BE USED IN ANY COMBINATION.
11. ROLL-UP MECHANISM AND HOOD ASSEMBLY ARE NOT PART OF THIS APPROVAL.
12. THIS DOCUMENT CONTAINS INFORMATION RELEVANT TO THE STRUCTURAL REQUIREMENTS OF THE SYSTEM INSTALLATION COMPONENTS. THIS INFORMATION IS NOT INTENDED TO BE USED TO DETERMINE THE INTERNAL OR EXTERNAL LOADS SUPERIMPOSED ON THE SYSTEM ASSEMBLIES. THIS INFORMATION IS INTENDED TO BE USED TO DETERMINE THE INTERNAL OR EXTERNAL LOADS SUPERIMPOSED ON THE SYSTEM ASSEMBLIES.
13. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS OUTLINED HEREIN.
14. EACH DOOR ASSEMBLY SHALL HAVE A PERMANENT LABEL ON THE EXTERIOR FACE OF THE DOOR ASSEMBLY AND SHALL BE IDENTIFIED IN ACCORDANCE WITH THE FOLLOWING HINT:
15. CONTRACTOR SHALL BE RESPONSIBLE TO INSULATE DISCONTINUOUS MATERIALS TO PREVENT ELECTRIFICATION.
16. WATERPROOFING IS NOT PART OF THIS CERTIFICATION AND SHALL BE CERTIFIED BY OTHERS.

TABLE 1: MAXIMUM ALLOWABLE PRESSURE AND CLEAR OPENING WIDTH

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>MAXIMUM CLEAR OPENING WIDTH</th>
<th>MAXIMUM ALLOWABLE PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>S10-6065</td>
<td>24'-1 1/2&quot;</td>
<td>+60psf / -65psf</td>
</tr>
<tr>
<td>S10-6565</td>
<td>30'-4 1/2&quot;</td>
<td>+65psf / -65psf</td>
</tr>
<tr>
<td>S10-100</td>
<td>30'-4 1/2&quot;</td>
<td>+100psf / -100psf</td>
</tr>
</tbody>
</table>
JAMB CONNECTIONS
MODEL #S10-100

CHANNEL JAMB TO STEEL 1
(MODEL S10-100)
SCALE: NTS
SECTION

CHANNEL JAMB TO CONCRETE 1
(MODEL S10-100)
SCALE: NTS
SECTION

TABLE 6: MODEL #S10-100 JAMB CONNECTIONS

<table>
<thead>
<tr>
<th>DOOR OPENING WIDTH</th>
<th>SLIP</th>
<th>WALL ANGLE TO JAMB</th>
<th>FIELD WELD TO STEEL JAMB</th>
<th>WALL ANGLE THICKNESS</th>
<th>ANCHORS TO CONCRETE JAMB</th>
</tr>
</thead>
<tbody>
<tr>
<td>30'-4 1/2&quot;</td>
<td>1.50&quot;</td>
<td>5/8&quot; dia. x 3/16&quot; @ 4-3/4&quot; o.c.</td>
<td>5/8&quot; dia. x 3/16&quot; @ 7&quot; o.c.</td>
<td>1/2&quot;</td>
<td>HILTI KaK Bolt 3 or Dynabolt Sleeve Anchor *</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>dia. x embedment x spacing</td>
</tr>
</tbody>
</table>

LOAD DIAGRAM
(CHANNEL)

TABLE 7: MODEL #S10-100

<table>
<thead>
<tr>
<th>DOOR OPENING WIDTH</th>
<th>Vx (+ or -)</th>
<th>Vy (+ or -)</th>
</tr>
</thead>
<tbody>
<tr>
<td>30'-4 1/2&quot;</td>
<td>6799 lb/ft</td>
<td>1523 lb/ft</td>
</tr>
<tr>
<td>25'-0&quot;</td>
<td>5035 lb/ft</td>
<td>1254 lb/ft</td>
</tr>
<tr>
<td>20'-0&quot;</td>
<td>3528 lb/ft</td>
<td>1004 lb/ft</td>
</tr>
<tr>
<td>15'-0&quot;</td>
<td>2670 lb/ft</td>
<td>754 lb/ft</td>
</tr>
</tbody>
</table>

CHANNEL JAMB TO CONCRETE 2
(MODEL S10-100)
SCALE: NTS
SECTION

* FIRST AND LAST ANCHOR SHALL BE 7" MAXIMUM FROM END OF ANGLE