SIW Solutions, LLC  
975 S. Congress Ave. #102  
Delray Beach, FL 33445

**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 S-2000-12 Aluminum and Glass Sectional Garage Door up to 12'-0" Wide

**APPROVAL DOCUMENT:** Drawing No. 17-03, titled “S-2000 (12) Alum/Glass Sectional Garage Door (L.M.I.),” sheets 1 through 8 of 8, dated 02/09/2017, with revision C dated 12/05/2018, prepared by the Al-Farour Corporation, signed and sealed by Javad Ahmad, 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.

**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 NOA #17-0717.07 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.

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NOA No. 19-0131.21  
Expiration Date: April 20, 2022  
Approval Date: March 14, 2019  
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA #17-0215.09

A. DRAWINGS
1. Drawing No. 17-03, titled "S-2000 (12) Alum/Glass Sectional Garage Door (L.M.I.), sheets 1 through 8 of 8, dated 02/09/2017, with revision A dated 03/23/2017, prepared by the Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS
1. Addendum letter to Test Report No. BT-SIW-16-006, dated 03/21/2017, signed and sealed by Constantin Bortes, P.E.
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Large Missile Impact Test per FBC, TAS 201-94
   4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   5) Forced Entry Test, per FBC, TAS 202-94
   along with marked-up drawings and installation diagram of a Series S-2000 Aluminum Glass Garage Door 12'-0" (Specimens #1 and 4), prepared by Blackwater Testing Inc, Test Report No. BT-SIW-16-006, dated 01/18/2017, signed and sealed by Constantin Bortes, P.E.
3. Addendum letter to Test Report No. BT-SIW-16-003, dated 03/27/2017, signed and sealed by Constantin Bortes, P.E.
4. 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
   along with marked-up drawings and installation diagram of a Series S-2000 Aluminum Glass Garage Doors 12'-0" (Specimens #1, 2, 3 and 4), prepared by Blackwater Testing Inc, Test Report No. BT-SIW-16-003, dated 09/19/2016, signed and sealed by Constantin Bortes, P.E.

C. CALCULATIONS
1. Anchor calculations prepared by Al-Farooq Corporation, dated 01/23/2017, signed and sealed by Javad Ahmad, P.E.

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. 19-0131.21
Expiration Date: April 20, 2022
Approval Date: March 14, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under NOA # 17-0717.07

A. DRAWINGS
   1. Drawing No. 17-03, titled "S-2000 (12) Alum/Glass Sectional Garage Door (L.M.I.), sheets 1 through 8 of 8, dated 02/09/2017, with revision B dated 07/06/2017, prepared by the Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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. None.

F. STATEMENTS

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 19-0131.21
Expiration Date: April 20, 2022
Approval Date: March 14, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS
   1. Drawing No. 17-03, titled “S-2000 (12) Alum/Glass Sectional Garage Door (L.M.I.), sheets 1 through 8 of 8, dated 02/09/2017, with revision C dated 12/05/2018, prepared by the Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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. None.

F. STATEMENTS
   1. Statement letter from SIW Impact Windows, LLC stating the following: a) They have legally sold all assets of the NOA, b) Requesting the existing NOA to be rescinded, c) They no longer manufacture the product under the existing NOA, d) They have given up all the rights to the existing NOA, and e) All the necessary machinery, equipment, and know-how used in the fabrication of the product used for the tests, which were the basis for obtaining the NOA are being sold to the applicant, dated 12/28/2018, signed by Abdiel Lopez, manager.
   2. Bill of sale dated 12/28/2018, signed by Abdiel Lopez, president or manager of the seller parties and Steven C. Tourek, secretary of SIW Solutions, LLC.

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 19-0131.21
Expiration Date: April 20, 2022
Approval Date: March 14, 2019
NOTE:
GLASS CAPACITIES ARE
BASED ON ASTM E1300-08 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES 2000 (12)
ALUMINUM/GLASS SECTIONAL GARAGE DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2017 (8TH EDITION) FLORIDA BUILDING CODE
INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND
INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE
BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUFACTURER’S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2017 FLORIDA BUILDING CODE AND ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT; I.E. LIFE SAFETY OF THIS PRODUCT; ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.

CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

MANUFACTURER’S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1710.8.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1710.8.2.

DOORS APPROVED FOR INSTALLATIONS WHERE AIR INFILTRATION
RESISTANCE IS REQUIRED.
Test Pressure = 6.24 Pet
Measured Flow = 0.04 cfm/K’2

GLAZING OPTIONS

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 19-0131.24
Expiration Date 04/20/2022
By
Miami-Dade Product Control

Drawing no. 17-03
Sheet 1 of 8
INSIDE ELEVATION

STAINLESS STEEL ROD TIP (SMW2019)

3'-3" X 3'-12" GA. ST. STEEL CUTC-DOWN HINGE
W/ (4) #14 X 5/8" SMS

2'-9" X 1'-5 1/2" X 12 GA. ST. STEEL
END ROLLER HINGE
W/ (6) #14 X 5/8" SMS

1'-11" W X .15 THK. LATCH
STANDARD LOCK SPRING LOADED SLEEVE BOLT (BOTH SIDES)
FASTENED W/ (4) #14 X 1/2" S.M.S.
5/8" MIN. LOCK ENGAGEMENT
CONFORMS TO SECTION 1008
REGARDING GARAGE DOORS

15 GA. ST. STEEL CABLE & NICKEL-PRESS SLEEVE
W/ MIN. 5 TO 1 SAFETY FACTOR

7'-7" X 3'-1/8" X 12 GA. ST. STEEL PLATE
WITH (6) #14 X 3/4" S.D.S

CLASS TYPES '01' & '03'
MAXIMUM DESIGN LOAD RATING = 60.0 PSF
(FOR SIZES SHOWN OR SMALLER) = 60.0 PSF

CLASS TYPE '02'
MAXIMUM DESIGN LOAD RATING = 46.0 PSF
(FOR SIZES SHOWN OR SMALLER) = 56.0 PSF

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 19-0131.21
Expiration Date 04/20/2022
By Miami-Dade Product Control
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<th>PART #</th>
<th>REQ'D.</th>
<th>DESCRIPTION</th>
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<td>S531</td>
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<td>SETTING BLOCKS AT 1/4 POINTS</td>
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<td>1/2 X 1/2&quot;</td>
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<td>GLASS STOP SCREWS</td>
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<td>PH SELF DRILLING, AT 8&quot; FROM ENDS &amp; 24&quot; O.C.</td>
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**PRODUCT REVISION**

As complying with the Florida Building Code

NOA-No. **19-0131-21**

Expiration Date **04/20/2022**

**Jan 9, 2019**

**STATE OF FLORIDA**

Miami-Dade Product Control
TYPICAL ANCHORS:
5/16" DIA. ULTRASONIC BY 'ELCO' (F_v = 177 KSI, F_y = 155 KSI)
INTO WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
AT 2" FROM BOTTOM AND 10" O.C. MAX.
THRU 1/2 OR 28Y BOLTS INTO CONC. OR MASONRY
1-3/4" MIN. EMBED INTO CONCRETE
2-1/2" MIN. EMBED INTO FILLED BLOCKS
AT 2" FROM BOTTOM AND 10" O.C. MAX.
DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED INTO CONCRETE
AT 2" FROM BOTTOM AND 10" O.C. MAX.
DIRECTLY INTO MASONRY
2-1/4" MIN. EMBED INTO FILLED BLOCKS
AT 2" FROM BOTTOM AND 5" O.C. MAX.
3/8" DIA. HANG BOLT 3 EXPANSION ANCHOR BY 'HLT'
DIRECTLY INTO MASONRY
2-1/2" MIN. EMBED INTO FILLED BLOCKS
AT 2" FROM BOTTOM AND 10" O.C. MAX.
4" MIN. EDGE DISTANCE
5/16" DIA. DYN-FLEX SCREWS BY 'ELCO' (F_v = 100 KSI, F_y = 65 KSI)
INTO STEEL STRUCTURES
AT 2" FROM BOTTOM AND 10" O.C. MAX.
STEEL: 1/8" THK. MIN. (F_y = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINIUM TO BE PLATED OR PAINTED)
5/16" DIA. LAG SCREWS
INTO WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD
AT 2" FROM BOTTOM AND 10" O.C. MAX.
TYPICAL EDGE DISTANCE
INTO CONCRETE = 3-1/8" MIN.
INTO FILLED BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1-1/4" MIN.
INTO METAL STRUCTURE = 3/4" MIN.
WOOD SG = 0.55 MIN.
CONCRETE f' = 3000 PSI MIN.
0-90 GROUT FILLED BLOCK f'm = 2000 PSI MIN.