NOTICE OF ACCEPTANCE (NOA)

Infinity Energy Enterprises, LLC
11431 N. W. 34 street,
Doral, FL 33176

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 "HI-TECH" Outswing Steel Entrance Doors-Impact.

APPROVAL DOCUMENT: Drawing No. W08-73 Rev E titled “Series “HI-TECH” OutSwing Entrance Door” Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on NOV 13, 2017, 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

Limitations:
1. Max. height of the door with Wood veneer is limited to 100” (w/ min 5 Hinges) and Decorative Steel is limited to 83” (w/ min 4 hinges). See hinges location in sheet 6.
2. Spot welded steel shear plate #22 is required at frames at head, side jambs and sill.

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, Yongkang, Zhejiang, China and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

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 #14-0616.01(former Unlimited Security Doors, LLC) 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 Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's die drawings and sections (Submitted under files #13-0114.09/ #09-0128.07)
   2. Drawing No. W08-73 Rev D titled “Series “HI-TECH” Outswing Entrance Door” Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on August 21, 2014, signed and sealed by Javad Ahmad, P.E.

B. TESTS (Submitted under files #13-0114.09/# 09-0128.07)
   1. 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) Water Resistance Test, per FBC, TAS 202-94
      4) Large Missile Impact Test per FBC, TAS 201-94
      5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
      6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
      Along with installation diagram of double outswing steel doors, marked-up by Fenestration Testing Laboratories, Inc. Test Reports Nos. FTL 5478 (FTL07190), dated 01/26/09 and FTL 5656 (FTL08090) dated 01/27/09, both signed and sealed by Carlos Rionda, P.E.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC-2014, prepared by Al Farooq Corporation, dated 07/30/14, signed & sealed by Javad Ahmad, P.E.
   2. Anchor verification calculations and structural analysis, complying with FBC-2010, prepared by Al Farooq Corporation, dated 08/20/12, signed & sealed by Javad Ahmad, P.E.

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

E. MATERIAL CERTIFICATIONS (Submitted under files #13-0114.09/ # 09-0128.07)
   1. Tensile Test report No. FTL5478, Tests #1, 2 & 3 dated 01-26-09 per ASTM A-370-05 for steel face sheet, prepared by Fenestration Testing laboratory, signed and sealed by Carlos Rionda, P.E.

F. STATEMENTS (except item #1, all other submitted in previous NOA(s) submittals.
   1. Statement letter of conformance to FBC 2014 and letter of no financial interest, prepared by Al Farooq Corporation, dated 07/30/14, signed and sealed by Javad Ahmad, P.E.
   2. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al Farooq Corporation, dated 08/07/12, signed and sealed by Javad Ahmad, P.E.
   3. Statement letter dated June 24, 2013 issued by Unlimited Security Door, LLC of legal name change and requesting NOA to be issued to new name and existing NOA # 09-0128.07 (NAS Unlimited Doors, LLC) to be rescinded.
   5. Lab compliance as part of the above referenced test report.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0328.01
Expiration Date: July 22, 2019
Approval Date: November 08, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER
1. This NOA revises & renews NOA # 13-0114.09, expired on 07/22/14.
2. Test proposal # 07-3338, 07-3338 R and 07-03338R-1, dated 06/05/08, approved by BCCO.
3. Distribution agreement dated 04/11/13 between Unlimited Security Doors, LLC (USA distributor) and the Zhejiang Yangkang Doors, China (manufacturer), signed by Maylin Matting and Xu Xian Bo on behalf of the respective companies.
4. Previous NOA(s) # 13-0114.09, # 09-0128.07 (Former NAS Unlimited Doors, LLC)

1. New Evidence submitted.

A. DRAWINGS
1. Drawing No. W08-73 Rev E titled “Series “HI-TECH” OutSwing Entrance Door” Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 08-11-08 and last revised on NOV 13, 2017, signed and sealed by Javad Ahmad, P.E.

B. TESTS
1. None.

C. CALCULATIONS

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

E. MATERIAL CERTIFICATIONS
1. None.

F. STATEMENTS
2. Distribution agreement dated 10/12/17 between Infinity Energy Enterprises, LLC (USA distributor) and the Zhejiang Yangkang Doors, China (manufacturer), signed by Fabio Pirrozi (manager) and Xu Xian Bo on behalf of the respective companies.
4. State of Florida, Division of Corporation listing of Infinity Energy Enterprises, LLC, as “7Doors” fictitious name.
5. Statement of lab compliance, as part of test report.

G. OTHER
1. This NOA revises NOA #14-0616.01(former Unlimited Security Doors, LLC), expiring 07/22/2019.

Ishaq E. Chanda, P.E.
Product Control Examiner
NOA No. 18-0328.01
Expiration Date: July 22, 2019
Approval Date: November 08, 2018
SERIES HI-TECH OUTSWING ENTRANCE DOORS
WITH DECORATIVE WOOD VENEER
OR WITH DECORATIVE STEEL SURFACE

DOORS ARE APPROVED FOR INSTALLATIONS WHERE
WATER INFLATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2014 (5TH EDITION)/2017 (6TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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-COMPRRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2014/2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

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.
See Sheet 6 for (4) hinge options.

Maximum design load rating: 70.0 PSF

Due to complying with the Florida Building Code, edge requirements to be reviewed by building official.
WOOD BUCKS AND METAL STRUCTURES NOT BY 7DOORS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRASONIC BY 'FLODE' (Fy = 177 KSI, Fm = 155 KSI)

INTO 28Y BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

THRU 18Y BUCKS INTO CONC. OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO CONCRETE OR BLOCKS

1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)

1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

#14 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)

INTO MIAMI-DADE COUNTY APPROVED MULLIONS OR

INTO METAL STRUCTURES (HEAD/JAMBS)

(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE

ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

STEEL: 1/8" THK. MIN. (fy = 36 KSI MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD OR JAMBS SG = 0.55 MIN.

CONCRETE AT HEAD, SILL OR JAMBS Fc = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS Fm = 2000 PSI MIN.
DOUBLE (XX) DOORS WITH WOOD COVER

DOUBLE (XX) DOORS WITH DECORATIVE STEEL SURFACE