NOTICE OF ACCEPTANCE (NOA)

Oikos Venezia, S.R.L.,
Via Della Tecnica No. 6,
30020 Grumo, Italy

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 “Synua” Inswing Wood clad Steel Pivot Door - Impact.

Approval Document: Drawing No. W16-87, titled “Series “Synua” Inswing Pivot Door”, sheets 1 through 5 of 5, prepared by Al-Farouq Corp., dated AUG 29, 2017, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

Missile Impact Rating: Large and Small Missile Impact Resistant

Limitations:
1. Rubber gasket to be provided at frame jambs & panel perimeter and “Mose kit gasket system” at panel top and bottom rails, along with rigid gasket at threshold with snap on alum cover at exterior and interior side. Further clear silicone to be applied at threshold, frame head, jamb adapter covers and Mose gasket kit.
2. “MDF” Lacquered plywood is not permitted.

Labeling: Each unit shall bear a permanent label with the manufacturer's name or logo, Grumo, Italy 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: 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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above. The submitted documentation was reviewed by Ishaq I. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
1. Manufacturer's parts drawings and sections (Submitted under files below)
2. Drawing No. W16-87, titled “Series “Syuna” Inswing Pivot Door”, sheets 1 through 5 of 5, prepared by Al-Farooq Corp., dated AUG 29, 2017, signed and sealed by Javad Ahmad, P.E.

B. TESTS
1. Test reports on 1) Air Infiltration Test, per PA 202-94
2) Uniform Static Air Pressure Test, Loading per PA 202-94
3) Water Resistance Test, per PA 202-94
4) Large Missile Impact Test per PA 201-94
5) Cyclic Wind Pressure Loading per PA 203-94
6) Forced Entry Test, per TAS 202-94

along with marked-up drawings and installation diagram of inswing single wood pivot doors and single outswing wood doors, prepared by Fenestration Testing, Lab., Test Report No. FTL-8980 dated 02/15/17 and revised on 06/20/17 (R3), signed and sealed by Idalmis Ortega, P.E.
(This test report has addendum letter issued by lab, dated June 27, 2017 and July 28, 2017)

C. CALCULATIONS

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

E. MATERIAL CERTIFICATIONS
1. Technical material data sheet of Stone wool (Acustilaine 75), fire class A-1 per EN 13501-1, provided by manufacturer.

F. STATEMENTS
2. Lab compliance as part of the above referenced test report.

G. OTHER
1. Test proposal #16-0855 and #16-0547-R-1, issued by RER.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0214.01
Expiration Date: September 07, 2022
Approval Date: September 07, 2017
THese doors are rated for large & small missile impact. Shutters are not required.

Series 'SYNUA'
Inswing Pivot Door

Doors approved for installations where water infiltration 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).

18" or 28" wood blocks & 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 2014/2017 Florida Bldg. Code & 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.

Typical Elevation

Maximum design load rating = 65.0 PSF

For max. size shown above or smaller = 65.0 PSF

As permitted by FBC requirements

Note: Applicable egress requirements to be reviewed by AHJ.
GLUED CLADDING OPTIONS
INTERIOR AND EXTERIOR CLADDING WITH SINGLE PANELS

NOTE:
EXTERIOR AND INTERIOR CLADDINGS
FASTENED TO PANEL RAILS AND STILES
USING #4 X 1" FH SMS
AT 2" FROM ENDS AND 9" O.C. MAX.
MECHANICAL FASTENED CLADDING OPTIONS

INTERIOR AND EXTERIOR CLADDING WITH SECTORS
SECTOR WIDTH = LESS WIDTH
SECTOR HEIGHT = (VARIES) 12" MAX.
WOOD BUCKS AND METAL STRUCTURE NOT BY OKOS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS AT HEAD/JAMBS: SEE ELEV. FOR SPACING
5/8" DIA. ULTRACON BY ELOC (Fy=177 ksi, fy=155 ksi)
INTO WOOD STRUCTURES
1-7/8" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)
THRU 1BY OR 2BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-1/4" MIN. EMBED INTO MASONRY (JAMBS)
DIRECTLY INTO CONCRETE OR MASONRY
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-1/4" MIN. EMBED INTO MASONRY (JAMBS)

5/8" DIA. TECS OR SELF DRILLING SCREWS (GRADE 5 CRS)
INTO MIAMI-DADE COUNTY APPROVED MILLIONS OR
INTO METAL STRUCTURES (HEAD/JAMBS)
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 = 2-1/2" MIN.
INTO MASONRY = 3-1/8" MIN.
INTO WOOD STRUCTURE = 1-1/4" MIN.
INTO METAL STRUCTURE = 1/2" MIN.
WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS Fc = 3000 PSI MIN.
C-90 GROUT FILLED BLOCK AT JAMBS ft' = 2000 PSI MIN.

TYPICAL ANCHORS AT SILL: SEE ELEV. FOR SPACING
3/16" DIA. ULTRACON BY ELOC (Fy=177 ksi, fy=155 ksi)
DIRECTLY INTO CONCRETE, 3000 PSI MIN.
1-1/2" MIN. EMBEDMENT
2-1/2" MIN. EMBEDMENT
5 POINT CENTER LOCK
SCALE 1/8" = 1'
5 POINT CENTER LOCK (D31) CONNECTED TO TOP, BOTTOM & SIDE SINGLE POINT LOCKS (D32) WITH CONNECTING RODS (D33)

DOOR HARDWARE

LOCKS:
- ELECTRICAL FUNCTION IS NOT PART OF THIS APPROVAL.
- FLUSH MOUNT 8 POINT LOCK SYSTEM AT 38° FROM BOTTOM
- KEY/ORIENTED ON EXTERIOR FASTENED WITH (3) #6 X 5/8" WAS
- THUMB TURN ON INTERIOR FASTENED WITH (3) #6 X 3/8" FH SMS
- 5 POINT CENTER LOCK, CONNECTING RODS ACTIVATES SINGLE LOCKS AT TOP, BOTTOM & OPPOSITE SIDE CENTER LOCK FASTENED TO LOCK BRACKET
- WITH (4) #6 X 5/8" MACHINE SCREWS
- SINGLE LOCKS WELDED TO 3/8" X 2-1/8" X 3/8" BY 5-3/16" LONG CHANNEL BRACKET
- BRACKETS WELDED TO PANEL
- 1-1/4" X 1/4" LONG CONESEAL NYLON KEEPERS FACING CENTER LOCK
- 1-1/4" X 1-1/2" LONG CONESEAL NYLON KEEPERS FACING SINGLE LOCKS

HANDBLES:
- SURFACE MOUNT PULL HANDLE AT 37-1/2" FROM BOTTOM
- ON EXTERIOR, FASTENED WITH
  1) 1/4" X 2-3/4" FH SMS
  2) #12 X 5/8" SET SCREWS
- SURFACE MOUNT LEVER TYPE HANDLE AT 41-1/2" FROM BOTTOM
ON INTERIOR, FASTENED WITH
  1) #6 X 1/4" SET SCREWS
  2) #4 X 1-1/2" FH SMS

HINGES:
- PIVOT HINGES AT FRAME HEAD AND SILL WELDED TO PANEL

SEALANT:
- ALL JOINTS AND FRAME CONNECTIONS SEALED WITH "LOCNET-VOIDER 5954" SEAM SEALER.