Republic Doors and Frames, Inc.
155 Republic Dr.
Mckenzie, TN 38201

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.

DESCRIPTION: Republic H Series Single Flush Inswing Commercial Steel Doors w/ Mortise Lock w/dead bolt

APPROVAL DOCUMENT: Drawing No RD776W-3 Rev J-1, titled “Republic H series Single Door (Inswing)”, sheets 1 through 9 of 9, prepared by Building Drops, Inc., dated 05-01-02 and last revised on 03/20/19, signed and sealed by Hermes F. Norero, 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 Missile Impact Resistant

Limitations:
1. See Design pressure (w/ Standard or Stainless Steel lock strike options) in sheet 1.
2. Doors are Not Rated for Water infiltration requirements or Fire ratings, to be reviewed by Building official.
3. (5) EMA anchors [D] in sheet 6 must be into Concrete for DP > 120 PSF up to 170 PSF, unless (6)-anchors used
4. Non-grouted 2” face header will require head anchors per sheets 5 & 6. Grouted 4” header required no anchors.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and Series and following statement: "Miami-Dade County Product Control Approved", unless otherwise 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 #17-1026.24(PLA) and consists of this page 1 and evidence pages E-1, E-2 E-3 & E-4, as well as approval document mentioned above.
The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590  F (786) 315-2599
www.miamidade.gov/economy

MIAMI-DADE COUNTY
APPROVED

4/1/19

Exp. Date: February 24, 2022
Approval Date: April 25, 2019
Page 1

NOA No. 19-0327.05
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
1. Manufacturer's parts and sections drawings (Submitted under file as below).
2. Drawing No 776W-3 Rev I, titled “Steelcraft H series Single Door (Inswing)”, sheets 1 through 9 of 9, prepared by Building Drops, Inc., dated 05-01-02 and last revised on 02/22/17, signed and sealed by Hermes F. Norero, P.E.

B. TESTS (Submitted under files #15-0427.04/#13-1217.11/#13-0617.31/#11-0921.12/ #10-1206.02)
1. Test report on
   1) Air Infiltration Test, per TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per 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 PA 202-94
Along with manufacturer's parts and section drawings of Single Steel doors w/ Stainless steel continuous Hinges & modified Hat stiffeners, marked by Certified Testing Lab, Test Reports No(s). CTLA-3045W dated February 16, 2015, signed and sealed by Ramesh Patel, P.E.
2. Test report on
   1) Air Infiltration Test, per TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per 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 PA 202-94
Along with manufacturer's parts and section drawings of double outswing steel doors w/CVC panic exit and Peep hole, marked by Element Material Technology, Test Reports No(s). ESP011623P dated May 14, 2013, signed and sealed by Jason Sheen, P.E.
3. Test report on
   1) Air Infiltration Test, per TAS 202-94
   2) Water Resistance Test per FBC TAS 202-94(Not conducted)
   3) Uniform Static Air Pressure Test, Loading per 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 PA 202-94
along with manufacturer's parts and section drawings of Single flush Inswing / Outswing steel doors, marked by Certified Testing Lab, Test Reports No(s). CTLA-776W -2 & CTLA-776W -3 both dated June 07, 2002, both signed and sealed by Ramesh Patel, P.E.
Note: Test report No. CTLA-776W -2 has been issued an addendum letter dated 12/03/09, issued by Certified Testing Lab, signed and sealed by Ramesh Patel, P.E.
4. Additional Reference test reports per CTLA 776W-1 and CTLA 1035W-2 for anchor options qualifications.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0327.05
Expiration Date: February 24, 2022
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C. CALCULATIONS:
1. Anchor verification calculation and analysis prepared by Building Drops, Inc., dated 11-28-16 and last revised on 02/11/2017, signed and sealed by Hermes F. Norero, P.E.

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

E. MATERIAL CERTIFICATIONS (submitted under file # listed above)
1. Tensile test report # CTLA-776W (0194H), dated 02/25/02 prepared by CTL Architectural Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.
2. Test Report No. 3094867SAT-001, April 13, 2006, issued by Intertek for “Surface Burning Characteristics of Building material” per ASTM84 and self-Ignition per ASTM1929D for “EPS”, issued to Falcon Foam, a Div. of Atlas Roofing, re-named as “ATLAS EPS”.
3. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTME-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
4. Test Report No. 16206-122543 (1015P200(3)), dated November 29, 2004 for “Surface Burning Characteristics of Building material” per ASTM84 and self-Ignition per ASTM1929D for “Polyisocyanurate” issued by Omega Point Lab, Inc. to Elliot Company, Indianapolis, IN.
5. Material Safety Data Sheet for “Pyrophoric core PSL P250-C60” manufactured by Pyrophobic System LTD, Canada.

F. STATEMENTS: Except items #1 & 2, all the balanced items submitted under files listed above.
1. Letter of adoption of another Engineer’s work per FLA rule 61G15-27, dated NOV 11, 2016, prepared by Building Drops, Inc., signed and sealed by Hermes F. Norero, P.E.
3. Ingersoll–Rand press release, dated 12/10/12, integrating the brands of Ingersoll–Rand and Schlage among others.
4. Department of State Certification of Reinstatement for SCHLAGE LOCK COMPANY, LLC as a limited liability company, active and organized under the laws of the State of Florida, dated 03/17/06 and filed with the Secretary of State
7. Laboratory Statement of compliance, part of the above referenced test reports.
8. Addendum letter dated Jan 20, 2011, issued by Certified Testing Lab confirming testing of Alum continuous hinges w/ marked-up drawings, signed and sealed by Ramesh Patel, P.E.
9. Addendum letter dated DEC 19, 2011, issued by Certified Testing Lab verifying wire anchors, strength of grout, stud anchor, Strike plate and MA series Mortise Lock, supplemented w/ marked-up drawings, signed and sealed by Ramesh Patel, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0327.05
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G. OTHER (Except items #1, all other items submitted under files listed above)
1. This NOA revises & renews NOA #15-0427.04, expiring on 02/24/2022.
2. Test proposal # 14-1086 dated AUG 29, 2014 approved by RER.
3. Test proposal dated 12/03/09 for continuous hinges & SS strike plate, approved by BCCO.
4. Additional marked-up drawings provided as part of addendum letters by Certified Testing laboratory, Inc.
5. Photo of Stainless Steel Strike plate supplied by Ingersoll-Rand.

2. Evidence submitted under file #17-1026.24.

A. DRAWINGS
1. Drawing No 776W-3 Rev J, titled “Steelcraft H series Single Door (Inswing)”, sheets 1 through 9 of 9, prepared by Building Drops, Inc., dated 05-01-02 and last revised on 10/24/17, signed and sealed by Hermes F. Norero, P.E.
   Note: This revision consists of editorial FBC 2017 compliance note only.

B. CALCULATIONS
1. None

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

D. MATERIAL CERTIFICATIONS
1. None

E. STATEMENTS

F. OTHER
1. This NOA revises NOA # 16-1206.04, expiring 02/24/22.


A. DRAWINGS
1. Drawing No RDGS07 Rev M-1, titled “Republic H series Single outswing glazed”, sheets 1 through 16 of 16, prepared by the manufacturer, dated 05-20-07 and last revised on 03/20/19, signed and sealed by Hermes F. Norero, P.E.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0327.05
Expiration Date: February 24, 2022
Approval Date: April 25, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (submitted under PLA NOA #17-1026.24)
   1. None.

C. CALCULATIONS (submitted under PLA NOA #17-1026.24)
   1. None.

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

E. MATERIAL CERTIFICATIONS
   1. None.

F. STATEMENTS
   2. Private label agreement dated 02-27-2019 between Schlage Lock Company, LLC (MFG) and Republic Doors and Frames, Inc.(PL), signed by Earl Delph, Manager and Donald Dunaway, Leader on behalf of the respective companies.

G. OTHER
   1. This NOA revises PLA NOA #17-1026.24, expiring 02/24/2022.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0327.05
Expiration Date: February 24, 2022
Approval Date: April 25, 2019
GENERAL NOTES:
1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS201, 202, & 203-94 AND COMPLY WITH THE 2017 (6TH EDITION) FLORIDA BUILDING CODE.
2. THE DOORS ARE LARGE MISSILE IMPACTED, 50 F/S.
3. DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.

**Design Pressure Rating (Inswing Door):**

- Lock/strike plate option: Where water infiltration is required.
- Impact rating: Large and small missile impact.

**Impact Rating:**

- Standard: Not approved.
- Stainless steel: SS 304 or 316: Not approved.

- Lock/strike plate option: Where water infiltration is needed.
- Impact rating: Large and small missile impact.

- Note: Water infiltration resistance is not required when Door assemblies installed in non-habitable areas where the door assembly and area are designed to accept water infiltration, or if protected by overhang with ratio Length:Height equal or greater than 1.

*Door assemblies meet the 2017 6th Edition FBC air infiltration requirements.*

**Item Quantity:**

- **Description:** See note.
- **Material:** See file.
- **Size:** See sheet.

**Notes:**

1. ONE ROW OF PS974 WEATHERSTRIPPING PER JAMB AND HEAD INSTALL PER SHEET 8.
2. ANCHORING REQUIREMENTS: SEE SHEETS 1, 5 AND 6 FOR APPROVED ANCHOR AND INSTALLATION REQUIREMENTS.
3. Hinge requirements: Minimum (3) hinges.
4. See sheet 7 for approved standard door / frame configurations.
5. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
6. 4" FACE HEAD IS AVAILABLE WHEN FRAME IS GROOVED WITH CONCRETE TO MAX FRAME HEIGHT SHOWN.
7. APPLY CAULK AS NEEDED.
8. PRODUCT IS NOT APPROVED WHERE WATER INFILTRATION REQUIREMENT IS NEEDED.

**Rev. J-1 2017 FBC Update:**

**Revisions:**

- **A** Approval DWG
- **B** Revised PER DC BCCD
- **C** Revised PER DC BCCD
- **D** Revised Name
- **E** Revised
- **F** Change of CDR

**Product Revision:**

- Complying with the Florida Building Code
- Acceptance No.
- Product Control No.
NOTES:
1. SEE SHT.1 & 7 FOR ELEVATION, MATERIAL AND SIZE
2. SEE SHT.1 NOTE 2, FOR ANCHOR REQUIREMENTS
3. SEE SHT. 5 & 6 FOR WALL CONSTRUCTION ANCHORING SYSTEM OPTIONS AND INSTALLATION
4. SEE SHT. 7 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
5. APPROVED HARDWARE SHOWN, INSTALLATION IS PER MANUFACTURER’S INSTRUCTIONS
6. HEAD SECTION CAN HAVE 4" FACE DIMENSION WHEN IT'S GROUTED WITH CONCRETE AND WITHIN MAX UNIT HEIGHT
7. STUD WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING WITH 283#/FT BASIS

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 2013-05065, 02-20-13

REVISIONS

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**A.** EXPANDED POLYSTYRENE FOAM BY ATLAS EPS
DENSITY: 1.0 LBS/FT³

**B.** POLYISOCYANURATE (POLYURETHANE) BY ELLIOT CO. OF INDIANAPOLIS, INC.
DENSITY: 2 LBS/FT³

**C.** STEEL STIFFENED HAT SHAPED SECTIONS
20 GA. MIN.

**D.** HONEYCOMB KRAFT PAPER.

**E.** TEMPERATURE RISE CORE MINERAL FIBER BOARD
DENSITY: 17±1.5 LBS/FT³
BY PYROPHOBIC SYSTEM LTD
PYROPHOBIC PSL-P250c-60 OR MARSHFIELD DOOR SYSTEMS
CALCIUM SILICATE MINERAL CORE

**F.** EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS, DENSITY: 1.0 LB/FT³
OR POLYISOCYANURATE (POLYURETHANE)
BY ELLIOT CO. OF INDIANAPOLIS, INC.
DENSITY: 2 LBS/FT³

**DETAIL 'V1'**
20GA. HAT SHAPED STIFFENERS SPOTWELDED
6" O.C. TO INSIDE OF FACE SHEETS AND WELDED TOGETHER
AT TOP AND BOTTOM

**SECTION CC-CC**

**SECTION DF-DF**

**DETAIL 'V2'**
20GA. HAT SHAPED STIFFENERS SPOTWELDED
6" O.C. TO INSIDE OF ONE FACE SHEET AND BONDED TO THE OTHER FACE SHEET

**DOOR WIDTH 'V1' STIFFENERS 3'-0''**
8

**DOOR WIDTH 'V2' STIFFENERS 3'-0''**
4

**NOTE:** CORE MATERIAL SHOWN WITHOUT HARDWARE REINFORCEMENTS

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**REVISIONS**

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**DOOR CORE MATERIAL OPTIONS**

**REPUBLIC DOORS AND FRAMES**
155 REPUBLIC DR.
MCKENZIE, TN 38201

**DOOR CORE MATERIAL OPTIONS**

**RD776W-3**

**SHT 4 OF 9**
# Available Republic Door Configurations

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<th>REPUBLIC H SERIES DOOR TYPE</th>
<th>CORE MATERIAL PER SHT.7</th>
<th>MAXIMUM OPENING SIZE</th>
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<td>STEEL STIFFENED</td>
<td>STEEL STIFFENED</td>
<td>3’0” 7’0”</td>
<td>CRS GALV 16/0.053” 14/0.067”</td>
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<td>TEMPERATURE RISE CORE</td>
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<td>EMBOSSED PANELS</td>
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<td>3’0” 7’0”</td>
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# Available Republic Frame Configurations

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<td>MU</td>
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# Steel Door/Frame Mechanical Properties

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**NOTES:**

1. DOOR CONSTRUCTION
   1.1. NOMINAL DOOR THICKNESS = 1 3/4”
   1.2. DOORS AVAILABLE IN FLAT AND EMBOSSED SURFACE MODELS (SEE TABLE 1)
   1.3. ALL DOORS ARE FLUSH - NO LITES OR LOUVERS APPROVED
   1.4. DOOR VIEWERS ARE PERMITTED TO BE USED IN A DOOR WITH A DESIGN RATING OF +/-75 PSF OR LESS

2. FRAME CONSTRUCTION
   2.1. NOMINAL JAMB DEPTH = 5 3/4”, STOP HEIGHT = 5/8”
   2.2. FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE (MU-SERIES) (SEE TABLE 2)

3. FOR DOOR/FRAME MATERIAL SPECIFICATIONS REFER TO TABLE 3.
NOTES:
1. CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME, & PAINT.
WELD CLASSIFICATION - E70XX
FAS-SEAL DOOR SWEEP

NEOPRENE (full length)

ZERO INTL 566 SERIES THRESHOLD WITH NEOPRENE BUMPER 6063-T5 ALUMINUM

SEAL

SEMI-RIGID

PS-074 SELF-ADHESIVE WEATHERSTRIPPING

NATIONAL GUARD 950 SERIES THRESHOLD WITH SILICONE, VINYL OR PILE SEAL 6063-T6 ALUMINUM

NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH (MAX. 36")
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #P0-199 POLYPROPYLENE HOMOPOLYMER
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73 73 DUROMETER - SHEAR A SCALE