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.
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: Republic H Series Single Flush Outswing Commercial Steel Door w/wo Panic Exit-LMI

APPROVAL DOCUMENT: Drawing No IRFS07 Rev M-I, titled "Republic H series Single Flush outswing", sheets 1 through 14 of 14, prepared by the manufacturer, dated 05-20-07 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 and Small Missile Impact

Limitations:
1. See sheets 1 & 2 for Design Pressures, Sizes and Hardware. See sheets 5 and 6 for door sizes VS threshold types, brand and water infiltration limitations. Lower design Pressure shall control the entire assembly.
2. Use of Ives viewers (model U696/U698) is limited to +/-75 PSF.
3. Electrical/Electronic functions and Fire ratings are not part of this approval, such functions to be reviewed and approved by AHJ.

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 #17-0426.02 (PLA) and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, 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 parts and sections drawings (Submitted under file as below).
   2. Drawing No IRGS07 Rev L, titled “Steelcraft H series Single Flush outswing”, sheets 1 through 15 of 15, prepared by the manufacturer, dated 05-20-07 and last revised on 08/11/15, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files #15-0826.23/#13-1217.16/#12-0305.14/#10-0209.07/#07-0829.04)
   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 outswing 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.

   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.

   Along with manufacturer's parts and section drawings of double flush outswing steel doors, marked by National Certified Testing Lab, Test Reports No. NCTL-210-3580-2, dated March 25, 2009, signed and sealed by Gerry Ferrara, P. E.

   2. Test reports
      1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94.
      2) Water Resistance Test per FBC TAS 202-94

   Along with marked-up drawings and installation diagram of double steel commercial doors, prepared by National Certified Testing Laboratories Inc., Test Report No. NCTL-210-03-0514-11, dated August 31, 2004, NCTL 210-03-3511-1 dated 04/09/08 and NCTL 210-03-3549-1 dated 08/26/08, all signed and sealed by Gerry Ferrara, P. E.

   Note: Test report No(s): NCTL210-3549-1 and NCTL-210-3511-1 have been revised by an addendum letter, issued by Lab, dated Feb. 04, 2009, signed & sealed by Gerard J. Ferrara, P. E

   3. Test report on (submitted under file #07-0829.04)
      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 glazed outswing steel doors, marked by Certified Testing Lab, Test Reports No(s). CTLA-776W dated February 20, 2002,

Ishaq L. Chanda, P.E.
Product Control Unit supervisor
NOA No. 19-0327.02
Expiration Date: May 05, 2023
Approval Date: April 18, 2019

E - 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS: (Submitted under file # 15-0826.23)
   1. Anchor verification calculation complying w/ FBC 2014(5th Edition) dated 08/10/15, prepared, signed & sealed by Thomas Gordon, P.E.
   2. Hinge Load Evaluation report dtd 01/04/04, prepared, signed & sealed by Thomas Gordon, P.E. (Submitted under file # 10-0209.09)

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

E. MATERIAL CERTIFICATIONS (submitted under files #12-0305.16/# 10-0209.09)
   4. Test Report No. 16206-122543 (1015P2003), dated November 29, 2004 for “Surface Burning Characteristics of Bldg material” per ASTME84 and self-Ignition per ASTM1929D for “Polyisocyanurate” issued by Omega Point Laboratories, Inc. to Elliott Co., Indianapolis, IN.
   5. Tensile test report # CTLA-776W (0194H), dtd 02/25/02 prepared by CTL, Architectural Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.
   6. Tensile Test report No: A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTM-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
   7. Test Report No. 3094867SAT-001, April 13, 2006, issued by Intertek for “Surface Burning Characteristics of Building material” per ASTME84 and self-Ignition per ASTM1929D for “EPS”, issued to Falcon Foam, a Div of Atlas Roofing, re-named as “ATLAS EPS”.

F. STATEMENTS: Except items #1, balanced items submitted under files #13-1217.16/ #10-0209.09
   1. Letter of conformance to FBC 2014 and “No financial interest”, dated 09/23/15, prepared, signed and sealed by Gordon Thomas, P.E.
   2. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
   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.
   6. Laboratory Compliance Statements issued as part of above test reports.
   7. 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.
   8. Letter of certification dated 04/20/10, issued by Ingersoll-Rand for electronic CO lock series mechanical/functional parts same as AD, ND and AD-M series.

Ishaq I. Chanda, P.E.
Product Control Unit supervisor
NOA No. 19-0327.02
Expiration Date: May 05, 2023
Approval Date: April 18, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER
1. This NOA renews NOA #15-0826.23, expiring on 05/05/18.
2. Request for 1-Year renewal by Schlage Company dated 04/20/17, signed by James Donlan.
3. Test proposals # 14-0252, -0254, #14-1086, #14-0254-R1 and #12-0797R approved by RER.
4. Consolidation Test proposal # 06-2468, dated 04/27/07 approved by BCCO.
5. Previously consolidated NOA(s) associated with this file are NOA(s) #1029.07, 07-829.04, 020712.01, 02-0712.03, 03-0908.03, 04-0303.03 and 05-0103.01.

2. Evidence submitted under file # 17-0426.02

A. DRAWINGS
1. Drawing No IRGS07 Rev M, titled “Steelcraft H series Single Flush outswing”, sheets 1 through 14 of 14, prepared by the manufacturer, dated 05-20-07 and last revised on 03/29/18, signed and sealed by Hermes F. Norero, P.E.

B. TESTS
1. Additional Test report on
   1) Uniform Static Air Pressure Test, Loading per 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 PA 202-94

   Along with manufacturer's parts and section drawings of double flush outswing steel doors, marked by National Certified Testing Lab, Test Reports No. NCTL-210-3580-2, dated March 25, 2009, signed and sealed by Gerry Ferrara, P. E.

   Along with manufacturer's parts and section drawings of glazed outswing double steel doors, marked by Certified Testing Lab, Test Reports No(s). NCTL-210-3232-1 dated 02/24/06 and NCTL-210-3357-1 dated Dec 28, 2006, signed and sealed by Gerard J. Ferrara, P. E.

   Along with manufacturer's parts and section drawings of glazed outswing double steel doors, marked by Certified Testing Lab, Test Reports No(s). NCTL-210-3232-1 dated 02/24/06 and NCTL-210-3357-1 dated Dec 28, 2006, signed and sealed by Gerard J. Ferrara, P.E


C. CALCULATIONS:
1. Anchor verification calculation complying w/ FBC 2017(6th Edition) dated 04/04/2017 and last revised on 02/12/2018, prepared by Building Drops, signed & sealed by Hermes F. Norero., P.E.

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

E. MATERIAL CERTIFICATIONS:
1. None.

Ishaq I. Chanda, P.E.
Product Control Unit supervisor
NOA No. 19-0327.02
Expiration Date: May 05, 2023
Approval Date: April 18, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS: (items # 2 thru 6, submitted under file # 17-1026.24)
1. Letter of adoption of another Engineer’s work per FLA rule 61G15-27, dated 03/14/2017, 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. Letter of certification dated 04/20/10, issued by Ingersoll-Rand for electronic CO lock series mechanical /functional parts same as AD, ND and AD-M series.
8. Addendum letters dated Feb 20, 2009 for test reports Test report CTLA-1035W, issued by Certified Testing Lab, 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.

G. OTHER
1. This NOA revises & renews NOA #17-0326.06, expiring on 05/05/23.
2. Test proposals # 14-0252, -0254, #14-1086, #14-0254-R1 and #12-0797R approved by RER.
3. Consolidation Test proposal # 06-2468, dated 04/27/07 approved by BCCO.


A. DRAWINGS
1. Drawing No RDFS07 Rev M-1, titled “Republic H series Single outswing glazed”, sheets 1 through 14 of 14, prepared by the manufacturer, dated 05-20-07 and last revised on 03/20/19, signed and sealed by Hermes F. Norero, P.E.

B. TESTS (submitted under PLA NOA #17-0426.02)
1. None.

C. CALCULATIONS (submitted under PLA NOA #17-0426.02)
1. None.

Ishaq I. Chanda, P.E.
Product Control Unit supervisor
NOA No. 19-0327.02
Expiration Date: May 05, 2023
Approval Date: April 18, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 #17-0426.02, expiring 05/05/2023

Ishaq I. Chanda, P.E.
Product Control Unit supervisor
NOA No. 19-0327.02
Expiration Date: May 05, 2023
Approval Date: April 18, 2019
## Table 1.

<table>
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<tr>
<th>Door Configuration</th>
<th>Maximum Design Pressure, PSF</th>
<th>Maximum Door Opening Size, in.</th>
<th>Locking Hardware Description</th>
<th>Comments</th>
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**Notes:**
1. See Sheets 8, 9 & 10 for locking hardware.
2. Door Configuration 9 is rated for maximum design pressure up to ±75 PSF with zero INTL threshold 11A or for door openings up to 3'-0"X7'-0" with NGP threshold 11B and ±50 PSF for door openings up to 4'-0"X8'-0" with NGP threshold 11B when water in filtration requirement is needed. See Sheet 5.
3. Schlage Al-Series Cylindrical Lock, Door Configuration 2, is limited to ±55 PSF maximum design pressure.
### Table 3.1 Water Rated Perimeter Seal Hardware - Zero Int'l Threshold 566

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<th>MODEL No. / DESCRIPTION</th>
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<td>FAS-SEAL S.W. PER MG.</td>
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<td>END CHANNEL PER MG.</td>
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<td>188S Door Seal PER MG.</td>
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<td>139 Door Sweep PER MG.</td>
<td>ZERO INT'L</td>
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<td>20B</td>
<td>328 Door Sweep PER MG.</td>
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<td>21A</td>
<td>475 Adjustable Seal PER MG.</td>
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<td>22A</td>
<td>142 Rain Drp PER MG.</td>
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<td>11 Rain Drp PER MG.</td>
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### Table 3.2 Water Rated Perimeter Seal Hardware - NGP Threshold 950

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<td>20C</td>
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<td>Door Tp Cap PER MG.</td>
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### Diagram

- **TOP OF DOOR FRAMES HEAD**
- **DOOR END CHANNEL**
- **DOOR TOP CAP**
- **DOOR FRAME SILL**
- **CAULK SEE NOTE 6**
- **TYPICAL THRESHOLD SET INTO BEAD OF CAULK SEE NOTE 8**
- **SHELL STRAP**
- **DOOR BUL LEAF TYP MEETS WALL WITH BUTT HAMMER**
- **STRIKE JAMB**
- **HINGE JAMB**
- **SIDE PANEL**
- **CUTOUT SILL**
- **SILicone SILL**
- **Bottom of Door Weatherstrip and Sill Installation**

### Notes:
1. Slot locations may vary with different door widths.
2. Door sweep rigid section is made of Pro-Fax/PP-190 Polypropylene homopolymer.
3. Door sweep flexible section is made of Santoprene #101-73.
4. Fas-Seal door sweep (14) and threshold (11A or 11B) are required for all installations.
5. Seal all joints where frame meets wall with butyl rubber or 100% silicone caulking.
6. Install threshold into bead of butyl rubber or 100% silicone caulking full length of sills.

### REVISIONS

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### PRODUCED/REVISED

as complying with the Florida Building Code
Acceptance No. \(\text{W-3272-72}\)

### EXPEDITED DRAWING

Engineer's Change LA 02/02/17

### PRODUCT/REVISED

as complying with the Florida Building Code
Acceptance No. \(\text{W-3272-72}\)

### EXPEDITED DRAWING

Engineer's Change LA 02/02/17

### STATE OF FLORIDA

November 17, 2002

### REPUBLIC DOORS AND FRAMES

125 Republic Dr.
Mckenzie, TN 38201

### TITLE

Republic Ii Series Single Flush Inswing Commercial Steel Doors With and Without Panic Exit Devices

### CHECKED

YMF

### APPROVED

JPD 08/11/07

### SCALE

NTS AUTOCAD

### SHEET

5 of 14
TABLE 5. AVAILABLE REPUBLIC DOOR CONFIGURATIONS

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<thead>
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<th>MATERIAL description</th>
<th>MAXIMUM OPENING SIZE</th>
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TABLE 6. AVAILABLE REPUBLIC FRAME CONFIGURATIONS

<table>
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<tr>
<th>FRAME SERIES</th>
<th>DEPTH</th>
<th>MAX OPENING SIZE</th>
<th>MATERIAL</th>
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<tbody>
<tr>
<td>F</td>
<td>5.75”</td>
<td>VARIES</td>
<td>CRS/HRS GALV</td>
</tr>
<tr>
<td>MU</td>
<td>5.75”</td>
<td>VARIES</td>
<td>CRS/HRS GALV</td>
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NOTES:
1. DOOR CONSTRUCTION
2. DOOR SIZE MAY VARY, SUBJECTED TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT[DOOR, FRAME AND HARDWARE] AVAILABILITY FROM MANUFACTURER (SEE SHEET 2 FOR AVAILABLE HARDWARE)
3. DOOR VIEWERS ARE PERMITTED TO BE USED IN DOOR WITH A DESIGN PRESSURE OF +/-75PSF OR LESS. MAXIMUM 9/16” DIAMETER HOLE THROUGH DOOR FOR VIEWER INSTALLATION.
4. FRAME CONSTRUCTION
5. FRAMES ARE AVAILABLE AS FLUSH (F-SERIES) AND MULTI-USE (MU-SERIES) (SEE TABLE 6)
6. FOR DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 7.
7. CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM. GRIND, SMOOTH, PRIME & PAINT. WELD CLASSIFICATION - E70XX
NOTES:
1. FOR MAXIMUM OPENING DIMENSION SIZES AND MAX UNIT SIZES SEE SHEETS 1, 2, 3, 11 & 12.
2. SINGLE OUTSWING DOORS, SEE SHEET 4 FOR INSTALLATION INFORMATION.
(A) EXPANDED POLYSTYRENE FOAM BY ATLAS EPS
   DENSITY: 1.0 LBS/FT³

(B) POLYSOCCYANURATE (POLYURETHANE)
   BY EUOYT CO. OF INDIANAPOLIS, IN
   DENSITY: 2 LBS/FT³

(C) STEEL STIFFENED HAT SHAPED SECTIONS

(D) HONEYCOMB KRAFT PAPER.

(E) TEMPERATURE RISE CORE
   MINERAL FIBER BOARD
   DENSITY: 17±1.5 LBS/FT³
   PYROPHOBIC PS 525-60 CORE
   OR
   MARSHFIELD DOOR SYSTEMS
   CALCIUM SILICATE MINERAL CORE

(F) EXPANDED POLYSTYRENE FOAM
   BY ATLAS EPS DENSITY: 1.0 LBS/FT³
   OR POLYSOCCYANURATE
   (POLYURETHANE)
   BY EUOYT CO. OF INDIANAPOLIS, IN
   DENSITY: 2 LBS/FT³

NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS
STEEL BUTT HINGE
IVES 5BB1/3CB1
STANLEY FB8179/1900
HAGER BB1279
4.5" X 4.5" STD. WT. MIN.
.134" MIN. THICKNESS
Fy Min. = 36ksi

CONTINUOUS HINGE
IVES 112HD & 224HD
STANLEY 661HD
SELECT SL11HD
PEMKO FM_HD SERIES
HAGER 780-224HD
ABH 2240HD
ALUMINUM 6036-T6 MIN.
.110" MIN. THICKNESS

STEEL CONTINUOUS HINGE
IVES 600
.075 MIN. (14GA) THICKNESS
1012 COLD ROLLED STEEL
Fy Min. 45ksi
STAINLESS STEEL CONTINUOUS HINGE
IVES 700, 700CS
HAGER 790-900
MARKAR FM-300 & HG305
ABH A500
.075" MIN. (14GA) THICKNESS
304 STAINLESS STEEL
Fy Min. 31ksi

CONTINUOUS HINGE NOTES:
1. QUANTITY OF SCREWS VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
2. SCREW SPACING VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
3. INSTALL HINGES PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS

REVIEWS

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<td>ENGINEER CHANGE LA</td>
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