Schlage Lock Company,
6810 Hillsdale Court
Indianapolis, IN 46250

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.


Approval Document: Drawing No. “3580-2” Rev G, titled “Falcon 25 series Panic Exit Devices”, sheets 1 through 8 of 8, dated 05/22/09 and last revised on 01/06/2019, prepared by manufacturer, 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. The Component Hardware to be used as a substitution in a 16 ga single or double doors assemblies.
2. Door assembly under separate approval and must meet specifications per sheet 1. Lower Design Pressure of this component approval or the door assembly shall control.
3. Double Door application of Falcon series 25-R (Rim exit) requires use of Von-Duprin HH9954 mullion.
4. Falcon series 25-M (Mortise Panic) is limited to Single door system only.
5. Electrical/Electronic functions and Fire Rating are not part of the approval, such installation to be reviewed by AHJ.

Labeling: Each unit shall bear a permanent label with the manufacturer's name or logo, Taiwan, 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 #17-1026.27 and consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.

NOA No. 18-0828.07
Expiration Date: June 21, 2022
Approval Date: January 17, 2019
Page 1
Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

A. DRAWINGS
1. Manufacturer's parts and sections drawings (Submitted under referenced files below)
2. Drawing No. “3580-2” Rev E, titled “Falcon 25 series Panic Exit Devices”, sheets 1 through 8 of 8, dated 05/22/09 and last revised on 04/04/2017, prepared by manufacturer, signed and sealed by Hermès F. Norero, P.E.

Note: This revision consist of addition of test protocols and reference to FBC 2014(5th Edition), in sheet 1 of the DWG.

B. TESTS (submitted under files #15-0427.07 /#13-1217.21 / #09-0723.01)
1. Test report on 1) Air Infiltration Test, per TAS 202-94
   2) Water Resistance Test per FBC TAS 202-94
   3) Uniform Static Air Pressure Test, Loading per 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, TAS 202-94
Along with marked-up drawings and installation diagram of Falcon 25 series Panic exit Devices, 25-C (Concealed Vertical Rods), 25-V (Surface mount Vertical Rod) and 25-M (Mortise), prepared by National Certified Testing Laboratory, Test Report No. NCTLA-210-3654-1, dated 12/01/09, signed and sealed by Gerald J. Ferrara, P.E.
2 Test report on 1) Air Infiltration Test, per TAS 202-94 (Not conducted)
   2) Water Resistance Test per FBC TAS 202-94 (Not conducted)
   3) Uniform Static Air Pressure Test, Loading per 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, TAS 202-94
Along with marked-up drawings and installation diagram of series Falcon 25-R (Rim Panic exit device), prepared by National Certified Testing Laboratory, Test Report No. NCTLA-210-3580-2, dated 03/25/09, signed and sealed by Gerald J. Ferrara, P.E.

C. CALCULATIONS: (Items #2 & #3, submitted under files #15-0427.07)
1. Statement letter of compliance to FBC 2014 (5th Edition) dated 03/14/17, prepared by Building Drops, signed and sealed by Hermès F. Norero, P.E.
3. Anchor verification and mullion structural analysis dated 10/15/11 and revised on 05/06/12, prepared, signed and sealed by Gordon Thomas, P.E.

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

E. MATERIAL CERTIFICATIONS
1. None

[Signature]
Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-0828.07
Expiration Date: June 21, 2022
Approval Date: January 17, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (Except items #1, all other submitted under files #15-0427.07)
1. Statement letter of successor Engineer adoption of “another Engineer’s work as his own” per chapter 61G16-27 and compliance to FBC 2014 (5th Edition) dated 03/14/17, prepared by Building Drops, signed and sealed by Hermes F. Norero, P.E.
2. Letter of conformance to FBC 2014, dated 03/18/15, prepared, signed and sealed by Gordon Thomas, 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
6. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan
7. Lab statement of compliance, part of the above referenced test report.

G. OTHER
1. This NOA revises & renews NOA #15-0427.07, expiring 06/21/22.
2. Test proposal # 09-0754 dated 03/11/10 approved by BCCO.

2. Evidence submitted in previous files

A. DRAWINGS
1. Drawing No. “3580-2” Rev F, titled “Falcon 25 series Panic Exit Devices”, sheets 1 through 8 of 8, dated 05/22/09 and last revised on 10/24/2017 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 # 17-0413.04, expiring 06/21/22.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-0828.07
Expiration Date: June 21, 2022
Approval Date: January 17, 2019

E - 2
Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. New Evidence submitted.

A. DRAWINGS
   1. Drawing No. “3580-2” Rev G, titled “Falcon 25 series Panic Exit Devices”, sheets 1 through 8 of 8, dated 05/22/09 and last revised on 01/06/2019, signed and sealed by Hermes F. Norero, P.E.

B. CALCULATIONS
   1. None

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

D. MATERIAL CERTIFICATIONS
   1. None.

E. STATEMENTS
   2. Statement letter dated AUG 02, 2018, issued by Building Drops, Inc, in reference to 9954 mullion rename to HH9954 mullion and thickness from 1/8” to 5/16”, signed and sealed by Hermes F. Norero, P.E.
   3. Statement letter dated April 03, 2018, issued by Allegion for updating of HH9954 mullion into the company’s catalog, signed by Jim Donlan, Compliance Engineer.

F. OTHER
   1. This NOA revises NOA # 17-1026.27, expiring 06/21/22.

______________________________
Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-0828.07
Expiration Date: June 21, 2022
Approval Date: January 17, 2019
DOORS ARE UNDER SEPARATE APPROVAL

48" MAX PANEL WIDTH

96" MAX PANEL HEIGHT

INTERIOR VIEW

DOUBLE ONSWING DOORS WITH (2) FALCON (F)25-R RIM PANIC/EXIT DEVICES WITH VON DUPRIN H9954 MULLION

NOTES:
1. ALL FINISHES, 3" AND 4" DOOR WIDTH MODELS OFFERED.
2. AVAILABLE FUNCTIONAL OPTIONS: F, E, FS, AF, FE, E, HWEA, DM, LM, AND AE.
3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
4. THIS COMPONENT RIM PANIC EXIT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL ONSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR HWHZ COMPLIANT FiR PROCEDURE. DOUBLE DOORS ARE REQUIRED TO USE A VON DUPRIN H9954 HARDWARE MULLION THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
9. FIRE RATING IS NOT PART OF THIS APPROVAL AND SHOULD BE REVIEWED AND APPROVED BY THE BUILDING OFFICIAL HAVING JURISDICTION.

INTERIOR VIEW

SINGLE ONSWING DOOR WITH FALCON (F)25-R RIM PANIC/EXIT DEVICE

TYPICAL INSTALLATION
SEE COMPONENT DETAIL - SHEET 2

MULLION EXPANSION ANCHOR NOTES:
ANCHORS SHALL BE INSTALLED IN 3000 PSI CONCRETE (SEE ABOVE FOR SPACING REQUIREMENTS). ALLOWABLE ANCHOR TYPES ARE:
1/4" POWERS SMART DI+ EXPANSION ANCHORS WITH MIN 1" EMBEDMENT
OR
1/4" HI-LIT KIRK BOLT 3 EXPANSION BOLTS WITH MIN 1-1/4" EMBEDMENT

REVISIONS

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BEND RADIUS
SCHLAGE LOCK COMPANY, LLC
6810 HILLESLEY COURT
INDIANAPOLIS, IN 46219

MANUFACTURING FACILITY:
FALCON
2720 TOBY DRIVE
MIAMI-DADE COUNTY

TITLE: FALCON 25-R SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (ERI)
COMPONENT PRODUCT APPROVAL
FALCON 25-R SERIES
RIM PANIC/EXIT DEVICE

APPROVED SIZE: FLAT
DOE NO. 35802 SHEET 1 OF 8
REV. G

ENG. APPRV
SCALE: NTS AUTOCAD
FALCON (F)25-R RIM PANIC/EXIT DEVICE COMPONENT APPROVAL
DOUBLE DOOR APPLICATION REQUIRES VON DUPRIN HH9954 MULLION

DESIGN PRESSURE RATING
FALCON (F)25-R RIM PANIC/EXIT DEVICE COMPONENT APPROVAL

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<td>POSITIVE</td>
<td>+70 PSF</td>
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GENERAL NOTES:
1. LARGE MISSILE IMPACT AT 50 F/S

NOTES:
1. ALL FINISHES, 3' AND 4' DOOR WIDTH MODELS OFFERED.
2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSF, FS, EA, HWEA, DM, LM, AND AE.
3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
4. THIS COMPONENT RIM PANIC EXIT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR AN324 COMPLIANT FBC APPROVAL. DOUBLE DOORS ARE REQUIRED TO USE A VON DUPRIN HH9954 HARDWARE MULLION. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 4'6" AND NO HIGHER THAN 8'10".
6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC(EXIT) DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
8. THIS PANIC(EXIT) DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
9. FIRE RATING IS NOT PART OF THIS APPROVAL AND SHOULD BE REVIEWED AND APPROVED BY THE BUILDING OFFICIAL HAVING JURISDICTION.

DIMENSIONS

TOUCHBAR PROJECTION:
NEUTRAL: 2.784" DEPRESSED: 1.914"

CENTER CASE: 8.928" X 2.642" X 1.914"

DEVICE LENGTH:
FOR UP TO 3' WIDE DOORS: 33.566" FOR DOORS WIDER THAN 3' UP TO 4': 45.596"
DOORS ARE UNDER SEPARATE APPROVAL

DESIGN PRESSURE RATING
FALCON (F)25-V SURFACE VERTICAL ROD PANIC/EXIT DEVICE COMPONENT APPROVAL

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IMPART RATING
LARGE AND SMALL MISSILE

GENERAL NOTES:
LARGE MISSILE IMPACT AT 50 F/S

INTERIOR VIEW
DOUBLE OUTSWING DOORS WITH FALCON (F)25-V (SVR)
SURFACE VERTICAL ROD PANIC/EXIT DEVICE

INTERIOR VIEW
SINGLE OUTSWING DOOR WITH FALCON (F)25-V (SVR)
SURFACE VERTICAL ROD PANIC/EXIT DEVICE

TYPICAL INSTALLATION
SEE COMPONENT DETAIL - SHEET 4

NOTES:
1. ALL FINISHES, 3" AND 4" DOOR WIDTH MODELS OFFERED.
3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
4. THIS COMPONENT SVR PANIC EXIT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTFACING COMMERCIAL DOORS HOLDING CURRENT A NOA OR MVHC COMPLIANT FBC APPROVAL. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 84".
6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
9. FIRE RATING IS NOT PART OF THIS APPROVAL AND SHOULD BE REVIEWED AND APPROVED BY THE BUILDING OFFICIAL HAVING JURISDICTION.
FALCON (F)V5 SURFACE VERTICAL ROD PANIC/EXIT DEVICE COMPONENT APPROVAL

DESIGN PRESSURE RATING

FALCON (F)V5 SURFACE VERTICAL ROD PANIC/EXIT DEVICE COMPONENT APPROVAL

POSITION

+70 PSF

IMPACT RATING

LARGE AND SMALL MISSILE

NEGATIVE

-70 PSF

GENERAL NOTES:

1. LARGE MISSILE IMPACT AT 50 F/S

3788 TOP STRIKE MOUNTED WITH (2)

2 X #10-24 STEEL MACHINE SCREWS

Fy MIN. = 120 KSI

3788 STRIKE

TOP ROD

MECHANISM CASE

TOP LATCH

CENTERCASE

TOUCHBAR

BOTTOM ROD

BOTTOM LATCH

2130 BOTTOM STRIKE GRUOTED INTO FLOOR

FALCON OUTSIDE TRIM OPTIONS

510/511

510L

510NL

510DT

510FSA

510FSAFSE

510FSAFLK

510FLK

511L

511FSA

511FSAFSE

511FSAFLK

511FLK

L, NL, BE, DT

512

512T

512BE

512NL

512DT

512FSA

512FSAFSE

512FSAFLK

512FLK

TP, NL, DT, BE

513

513K

513KB

513NL

513DT

513FSA

513FSAFSE

513FSAFLK

513FLK

K, NL, BE, DT

DIMENSIONS

TOUCHBAR PROJECTION:

NEUTRAL 2.784"

DEPRESSED 1.914"

CENTER CASE: 8 9/16" X 3/4" X 1.914"

TOP & BOTTOM LATCH CASE: 4.75" X 1.718" X 1.877"

DEVICE LENGTH:

FOR UP TO 2 WIDE DOORS 33.506"

FOR DOORS WIDER THAN 3" UP TO 4" 45.596"

NOTES:

1. ALL FINISHES: 3" AND 4" DOOR WIDTH MODELS OFFERED

2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA, FSE, EA, HWEA, DM, LM, AND AE

3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.

4. THIS COMPONENT SVR PANIC EXIT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR AHAZ COMPLIANT FBC APPROVAL. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.

5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".

6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.

7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.

8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.

9. FIRE RATING IS NOT PART OF THIS APPROVAL AND SHOULD BE REVIEWED AND APPROVED BY THE BUILDING OFFICIAL HAVING JURISDICTION.
DOORS ARE UNDER SEPARATE APPROVAL

96" MAX. PANEL WIDTH

48" MAX. PANEL WIDTH

96" MAX. PANEL HEIGHT

40.25"

INTERIOR VIEW
DOUBLE OUTSWING DOORS WITH FALCON F-25-C (CVR) CONCEALED VERTICAL ROD PANIC/EXIT DEVICES

INTERIOR VIEW
SINGLE OUTSWING DOOR WITH FALCON F-25-C (CVR) CONCEALED VERTICAL ROD PANIC/EXIT DEVICE

EXTERIOR
WEATHERSTRIP

INTERIOR
STRIKE JAMB SIDE OF SINGLE DOOR

DETAIL C

BOTTOM LATCH

THRESHOLD NITCHES FOR STRIKE

FLOOR LATCHING DETAIL (CVR) CONCEALED VERTICAL ROD PANIC/EXIT DEVICE

DETAIL E

WEATHERSTRIP

INTERIOR
STRIKE REINFORCEMENT IN HEAD OF SINGLE OR DOUBLE FRAME

DETAIL D

INTERIOR
STRIKE REINFORCEMENT IN HEAD OF SINGLE OR DOUBLE FRAME

DETAIL D

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NOTES
1. ALL FINISHES, 3" AND 4" DOOR WIDTH MODELS OFFERED.
2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, RSA/FSE, EA, HWEA, DM, LM, AND AE.
3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
4. THIS COMPONENT CVR PANIC EXIT DEVICE IS APPROVED AS AN EQUIVALENT ALTERNATIVE FOR SINGLE OR DOUBBLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOIDING CURRENT A NOA OR HVCE COMPLIANT FBC APPROVAL.
5. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
6. THE DOOR SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
7. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESNT AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
8. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
9. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
10. FIRE RATING IS NOT PART OF THIS APPROVAL AND SHOULD BE REVIEWED AND APPROVED BY THE BUILDING OFFICIAL HAVING JURISDICTION.

TYPICAL INSTALLATION
SEE COMPONENT DETAIL - SHEET 6

1. CONCEALED VERTICAL ROD TOP LATCH
2. DOOR SLAB
3. LOCK SIDE REINFORCEMENT, CHANNEL
4. LOCK SIDE REINFORCEMENT, HINGE
5. HINGE REINFORCEMENT, DOOR ASTM A651
6. HINGE REINFORCEMENT, FRAME ASTM A651
7. 5/8" X 4 1/2" BUT HINGE
8. CONCEALED VERTICAL ROD STRIKE REINFORCEMENT/PREP
9. FALCON F-25-C CONCEALED VERTICAL ROD EXIT DEVICE

MANUFACTURING FACILITY:
FALCON
2720 TOBEY DRIVE
INDIANAPOLIS, IN 46219

SCHLAGE LOCK COMPANY, LLC
6150 MILLSDALE COURT
INDIANAPOLIS, IN 46250

REV. D

FALCON F-25-C SERIES PANIC/EXIT DEVICES - COMPONENT APPROVAL (CRF)
MIAMI-DADE COUNTY COMPONENT PRODUCT APPROVAL
FALCON F-25-C SERIES
CONCEALED VERTICAL ROD EXIT DEVICE

NO. 3378

FALCON WINDOWS 
& DOORS

NPS AUTO CAD

3580-2 SHEET 5 OF 8 REV G

SIZE
FLAT
DOB NO.

SFE AUTOCAD
FALCON F-25-C (CVR) CONCEALED VERTICAL ROD EXIT DEVICE COMPONENT APPROVAL

NOTES:
1. ALL FINISHES. 2" AND 4" DOOR WIDTH MODELS OFFERED.
3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
4. THIS COMPONENT/CVR PANIC EXIT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE OR DOUBLE 16 GA. STEEL OUTFRAME COMMERCIAL DOORS HOLDING CURRENT A NOA OR MHSH COMPLIANT FBC APPROVAL. THE DESIGN PRESSURE RATINGS OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOES NOT AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
8. THIS PANIC EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
9. FIRE RATING IS NOT PART OF THIS APPROVAL AND SHOULD BE REVIEWED AND APPROVED BY THE BUILDING OFFICIAL HAVING JURISDICTION.

DESIGN PRESSURE RATING
FALCON F-25-C CONCEALED VERTICAL ROD EXIT DEVICE COMPONENT APPROVAL

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FALCON OUTSIDE TRIM OPTIONS

510L
510L BE
510L NL
510L DT
510L FSA
510L FSE
510L FSA LK
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DIMENSIONS
TOUCHBAR PROJECTION
NEUTRAL 2.784"
DEPRESSED 1.914"
CENTER CASE: 8.928" X 2.642" X 1.914"
DEVICE LENGTH:
FOR UP TO 3 WIDE DOORS
FOR DOORS WIDER THAN 3 UP TO 4
33.590"
45.590"
NOTES:
1. All finishes, 3’ and 4’ door width models offered.
3. Electrical installation is under separate approval and must be reviewed by corresponding authority.
4. This component mortise panic exit device is approved as an equal alternate for single 16 ga. steel outswinging commercial doors holding current a NOA or FWZ compliant FBC approval. The design pressure rating of the assembly shall be equal to that of the lowest rated component, either the panic device or the door.
5. The device should be installed in commercial steel door no wider than 48” and no higher than 96”.
6. Optional signal switch and power transfer units may be used as allowed by code and if it doesn’t affect the mechanical properties of this panic/exit device and/or inhibit egress, to be reviewed by building official.
7. All electrical components must be UL approved.
8. This panic/exit device can be installed as part of impact resistant unit.
9. Fire rating is not part of this approval and should be reviewed and approved by the building official having jurisdiction.

TYPICAL INSTALLATION
SEE COMPONENT DETAIL - SHEET 8
**NOTES:**
1. ALL FINISHES, 3 AND 4 DOOR WIDTH MODELS OFFERED.
2. AVAILABLE FUNCTIONAL OPTIONS: F, EL, FSA/FSE, EA, HWEA, DM, LM, AND AE.
3. ELECTRICAL INSTALLATION IS UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
4. THIS COMPONENT MORTISE PANIC EXIT DEVICE IS APPROVED AS AN EQUAL ALTERNATE FOR SINGLE 16 GA. STEEL OUTSWING COMMERCIAL DOORS HOLDING CURRENT A NOA OR FAH7 COMPLIANT FBC APPROVAL. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE EQUAL TO THAT OF THE LOWEST RATED COMPONENT, EITHER THE PANIC DEVICE OR THE DOOR.
5. THE DEVICE SHOULD BE INSTALLED IN COMMERCIAL STEEL DOOR NO WIDER THAN 48" AND NO HIGHER THAN 96".
6. OPTIONAL SIGNAL SWITCH AND POWER TRANSFER UNITS MAY BE USED AS ALLOWED BY CODE AND IF IT DOESN'T AFFECT THE MECHANICAL PROPERTIES OF THIS PANIC/EXIT DEVICE AND/OR INHIBIT EGRESS, TO BE REVIEWED BY BUILDING OFFICIAL.
7. ALL ELECTRICAL COMPONENTS MUST BE UL APPROVED.
8. THIS PANIC/EXIT DEVICE CAN BE INSTALLED AS PART OF IMPACT RESISTANT UNIT.
9. FIRE RATING IS NOT PART OF THIS APPROVAL AND SHOULD BE REVIEWED AND APPROVED BY THE BUILDING OFFICIAL HAVING JURISDICTION.

**DESIGN PRESSURE RATING**
FALCON (F)25-M MORTISE PANIC/EXIT DEVICE COMPONENT APPROVAL (SINGLE DOOR ONLY)

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<td>+70 PSF</td>
<td>LARGE AND SMALL MISSILE</td>
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**GENERAL NOTES:**
1. LARGE MISSILE IMPACT AT 50 FIS

**FALCON OUTSIDE TRIM OPTIONS**

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**DIMENSIONS**

TOUCHBAR PROJECTION:
- NEUTRAL: 2.764"
- DEPRESSED: 1.914"

CENTER CASE:
- 8.926" X 2.642" X 1.914"

DEVICE LENGTH:
- FOR UP TO 3' WIDE DOORS: 33.596"
- FOR DOORS WIDER THAN 3' UP TO 4': 45.596"

**PRODUCT REVISION**

Rev. G: 11/01/13

**REVISED**

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**MANUFACTURING FACILITY**

FALCON LOCK COMPANY, LLC
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46250

**NTS Autocad**