NOTICE OF ACCEPTANCE (NOA)

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.

DESCRIPTION: Steelcraft Series “H16-4” Double Outswing glazed Steel Doors w/ Sidelites & Transom

APPROVAL DOCUMENT: Drawing No “975W” Rev H, titled “H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom”, sheets 1 through 19 of 19, prepared by the manufacturer, dated 02-23-03 and last revised on 01/06/2019, signed and sealed by Hermes F. Noriero, 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 Design Pressures, Sizes and DLO (Day light Opening) limitations in sheets 1, 5, 6 & 7 of the drawings.
2. Doors are not rated for Water infiltration, unless covered by overhang complying w/ FBC requirements.
3. New Von Duprin HH9954 model must meet min thickness and strength as listed in sheet 2. Drop-in or expansion mussell anchor assembly must be from the anchor manufacturer (No substitution parts permitted).
4. Base anchors at both frame Jambs (detail A, sheet 10 & 14) and door Mullion base anchors (detail B, sheet 10 thru 14) are required, in addition to anchors at Sidelite detail C, in sheets 10 thru 14.
5. 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, Cincinnati, Ohio 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 preceding 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 revives NOA #17-1206.04 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, 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 “975W” Rev F, titled “H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom”, sheets 1 through 17 of 17, prepared by the manufacturer, dated 02-23-03 and last revised on 09/09/15, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files #14-0827.04/#14-0221.03/#13-0826.02 /#12-0305.07/# 08-0715.03)
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.

2. 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
   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 manufacturer's parts and section drawings of double glazed outswing steel doors w/ sidelites & Transom, marked by Certified Testing Lab, Test Reports No(s). CTLA-975W dated Jan 23, 2003 and CTLA-776W-1 dtd April 25, 2002, both signed & sealed by Ramesh Patel, P.E.

3. Reference Test report
   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


Note: Test report CTLA-1035W has been revised by an addendum letter dated Feb 20, 2009, signed and sealed by Ramesh Patel, 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.


Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-0828.06
Expiration Date: May 05, 2020
Approval Date: January 17, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS:
2. Hinge Load Evaluation report dtd 01/04/04, prepared, signed & sealed by Thomas Gordon, P.E.

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

E. MATERIAL CERTIFICATIONS (items 4 thru 6, submitted under file # 13-0826.02/#12-0305.07)
4. Test Report No. 16206-122543 (1015P200(3)), 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 Elliot 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. 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 file #13-0826.02)
1. Letter of conformance to FBC 2014 (5th Edition), dated 09/09/15, 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 statement issued as part of the above test reports.

G. OTHER
1. This NOA revises & renews NOA #14-0827.04, expiring on 05/05/20.
2. Ref: completed test report # ESP011331P2 per T.P. # 12-0844 R to be submitted within 1-Yr
3. Test proposals # 14-0252, -0254, #14-1086, #14-0254-R1 and #12-0797R approved by RER.
4. Previously consolidates NOA #(s) associated with this files are #14-0221.03/ #13-0826.02/ #12-0305.07/ # 08-0715.03 and # 03-0611.04.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-0828.06
Expiration Date: May 05, 2020
Approval Date: January 17, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under previous approvals.

A. DRAWINGS
   1. Drawing No “975W” Rev G, titled “H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom”, sheets 1 through 17 of 17, prepared by the manufacturer, dated 02-23-03 and last revised on 04/24/18, 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.
   2. Additional verification test NCTL-210-3549-1 for VonDuprin HH9954 mullion per TAS 202, 201 & 203, issued by National Certified Testing, signed & sealed by Gerry Ferrara, P. E.

C. CALCULATIONS:
   1. Anchor verification calculation complying w/ FBC 2017(6th Edition) dated 11/18/2017, 03/18/18 and last revised on 04/09/18, 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.

F. STATEMENTS: (items # 4 thru 6, submitted under file # 17-1026.24)
   1. Letter statement dated April 03, 2018, issued by Allegion for future catalog update and inclusive of the upgrading of Von Duprin HH 9954 mullion, signed by Jim Donlan, Compliance Engineer.
   4. Ingersoll–Rand press release, dated 12/10/12, integrating the brands of Ingersoll–Rand and Schlage among others.
   5. 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.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-0828.06
Expiration Date: May 05, 2020
Approval Date: January 17, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue):
7. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
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.
10. 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 #15-0930.06, expiring on 05/05/20.
2. Test proposals #14-0251, #14-0252-R, 14-0253, #14-0254-R1, #14-1086 and #12-0797R approved by RER.
3. Consolidation Test proposal # 06-2468, dated 04/27/07 approved by BCCO.
5. Allegion’s (Schlage/ Former Ingersoll-Rand) future updated HH9954 Von-Duprin Mullion catalog.


A. DRAWINGS
1. Drawing No “975W” Rev H, titled “H-16 4 FG 6070 outswing Doors w/ Sidelites & Transom”, sheets 1 through 19 of 19, prepared by the manufacturer, dated 02-23-03 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
2. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the “Sentry Glass @ Interlayer”, expiring on 07/04/23.

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 # 17-0426.04, expiring 05/05/20.

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 18-0828.06
Expiration Date: May 05, 2020
Approval Date: January 17, 2019
### Table 3. Steel Door & Frame Mechanical Properties

<table>
<thead>
<tr>
<th>Material</th>
<th>ASTM Ref</th>
<th>Yield KSI</th>
<th>Tensile KSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRS</td>
<td>A366</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HRS</td>
<td>A1011</td>
<td>MIN. 41.5</td>
<td>MIN. 52.9</td>
</tr>
<tr>
<td>GALV</td>
<td>A60</td>
<td>MIN. 41.5</td>
<td>MIN. 73.2</td>
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<tr>
<td>SS</td>
<td>A240</td>
<td></td>
<td></td>
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</tbody>
</table>

### Table 4. Available SteelCraft Door Configurations (See Note 2.4)

<table>
<thead>
<tr>
<th>Core Material</th>
<th>Door Opening Size, Max.</th>
<th>Skin Material</th>
<th>Glass Opening Size, Max.</th>
<th>Glazing Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width</td>
<td>Height</td>
<td>Descr.</td>
<td>Width</td>
</tr>
<tr>
<td>HONEYCOMB POLYSTYRENE POLYURETHANE</td>
<td>6’0” (72”)</td>
<td>7’0” (84”)</td>
<td>CRS GALV Fy min=41.5KSI</td>
<td>16/053”</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAINLESS STEEL</td>
<td>16/053”</td>
<td></td>
<td>CRS GALV Fy min=41.5KSI</td>
<td></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
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</tr>
</tbody>
</table>

### Table 5. Steel Door & Frame Configurations (See Note 1)

<table>
<thead>
<tr>
<th>Frame Series</th>
<th>Jamb Depth</th>
<th>Frame Material</th>
<th>Frame Wall Opening Size, Max.</th>
<th>Transom Lite/Panel Opening Size, Max.</th>
<th>Side Lite/Panel Opening Size, Max.</th>
<th>Glazing Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>5.75” Nom.</td>
<td>CRS/HRS GALV</td>
<td>16/053”</td>
<td>14/067”</td>
<td>12/099”</td>
<td>POLYCARBONATE LEXAN BY SABIC INNOVATIVE PLASTICS</td>
</tr>
<tr>
<td>MU</td>
<td>5.75” Nom.</td>
<td>CRS/HRS GALV</td>
<td>16/053”</td>
<td>14/067”</td>
<td></td>
<td>LAMINATED GLASS WITH 0.099 KURARYA SENTRYGLASS INTERLAYER</td>
</tr>
</tbody>
</table>

### Notes
1. Frame Construction
   1.1 Nominal Jamb Depth = 5 3/4”, Stop Height = 5/8”
   1.2 Frames Available as Flush (F-Serie) and Multi-Use (MU-Serie) (See Table 3)
   1.3 For Glazing Details Refer to Sheet 4
   1.4 Side/Transom Lite/Panel Sizing Shows (As Tested) Are Max. Sizes Available, Multiple Lites/Panels Are Acceptable With Total Dimensions Less or Equal to the Shown Max. Dimensions Shown in Table 3
2. Door Construction
   2.1 Nominal Door Thickness = 1 3/4”
   2.2 Glass Opening Size Tested (See Table 4) Is Max. Size Available for 6’0” X 7’0” Door Opening. All Smaller Sizes Are Acceptable, As Determined by FRC
   2.3 Minimum Glass Opening Size Will Change in Proportion With Door Size Tested
   2.4 Available Door-Lite Configurations: See Sheet 6
   2.5 For Glazing Details Refer to Sheet 7
3. See Table 5 for Material Specifications for Doors & Frames

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### Diagram

- **Available Door-Lite Configurations (See Sheet 6)**
- **Mechanical Properties Table**
- **Table 3. Steel Door & Frame Configurations**
- **Table 4. Available SteelCraft Door Configurations**
- **Table 5. Steel Door & Frame Configurations**
(A) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS
DENSITY: 1.0 LBS/FT³

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

(C) HONEYCOMB
KRAFT PAPER.

(D) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS, DENSITY: 1.0 LB/FT³

(E) POLYSOYANURATE
(POLYURETHANE)
BY ELLIOT CO. OF INDIANAPOLIS, IN
DENSITY: 2 LBS/FT³

NOTES:
1. CORE MATERIAL SHOWN WITHOUT HARDWARE REINFORCEMENTS OR GLASS LITE CUTOUTS.
TABLE 4.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INTL THRESHOLDS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>MODEL No./ DESCRIPTION</th>
<th>MFG.</th>
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<tbody>
<tr>
<td>12</td>
<td>566 THRESHOLD</td>
<td>ZERO INTL</td>
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<tr>
<td>12C</td>
<td>65 THRESHOLD</td>
<td>ZERO INTL</td>
</tr>
<tr>
<td>14A</td>
<td>PS074 DOOR SEAL</td>
<td>STEELCRAFT</td>
</tr>
<tr>
<td>14B</td>
<td>1885 DOOR SEAL</td>
<td>ZERO INTL</td>
</tr>
<tr>
<td>14C</td>
<td>1175 DOOR SEAL</td>
<td>ZERO INTL</td>
</tr>
<tr>
<td>14D</td>
<td>81445 DOOR SEAL</td>
<td>ZERO INTL</td>
</tr>
<tr>
<td>14E</td>
<td>81505 DOOR SEAL</td>
<td>ZERO INTL</td>
</tr>
<tr>
<td>15</td>
<td>FAS-SEAL SWEEP</td>
<td>STEELCRAFT</td>
</tr>
<tr>
<td>16</td>
<td>END CHANNEL</td>
<td>STEELCRAFT</td>
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TABLE 4.2 NON WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>MODEL No./ DESCRIPTION</th>
<th>MFG.</th>
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<tbody>
<tr>
<td>12B</td>
<td>950 THRESHOLD</td>
<td>NGP</td>
</tr>
<tr>
<td>14A</td>
<td>PS074 DOOR SEAL</td>
<td>STEELCRAFT</td>
</tr>
<tr>
<td>15</td>
<td>FAS-SEAL SWEEP</td>
<td>STEELCRAFT</td>
</tr>
<tr>
<td>16</td>
<td>END CHANNEL</td>
<td>STEELCRAFT</td>
</tr>
</tbody>
</table>

ZERO INTL 566 AND 65 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFECTION IS NOT REQUIRED.

MAXIMUM DESIGN PRESSURE RATING 60 PSF FOR MAXIMUM DOOR SIZE OF 3'-0" X 7'-0"

SINGLE DOORS: NON WATER RATED THRESHOLD OPTIONS

NOTES:
1. SLOT LOCATIONS ITEM #15 MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP (15) RIGID SECTION IS MADE OF PRO-FAX #199 POLYPROPYENE HOMOPOLYMER.
3. DOOR SWEEP (15) FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73.
4. FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A, 14B, 14C, 14D, 14E) AND THRESHOLD (12A, 12B, 12C) AS APPLICABLE, ARE REQUIRED FOR ALL INSTALLATIONS.
5. SEAL ALL JOINTS WHERE FRAMING MEETS WALL WITH BUTYL, RUBBER OR 100% SILICONE CAULK.
6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL.

REV 16/03/15
### TABLE 4.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>MODEL NO.</th>
<th>DESCRIPTION</th>
<th>MFGR.</th>
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<tbody>
<tr>
<td>12</td>
<td>12A</td>
<td>565 THRESHOLD</td>
<td>ZERO INT'L</td>
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<tr>
<td>12</td>
<td>12C</td>
<td>65 THRESHOLD</td>
<td>ZERO INT'L</td>
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<tr>
<td>14</td>
<td>14A</td>
<td>PS674 DOOR SEAL</td>
<td>STEELCRAFT</td>
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<tr>
<td>14</td>
<td>14B</td>
<td>1885 DOOR SEAL</td>
<td>ZERO INT'L</td>
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<tr>
<td>14</td>
<td>14C</td>
<td>1175 DOOR SEAL</td>
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<td>8150S DOOR SEAL</td>
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<td>16</td>
<td>16</td>
<td>FAS-REAL SWEEP</td>
<td>STEELCRAFT</td>
</tr>
<tr>
<td>16</td>
<td>17</td>
<td>END CHANNEL</td>
<td>STEELCRAFT</td>
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<tr>
<td>17A</td>
<td>17A</td>
<td>328 SPLIT ASTRAGAL</td>
<td>ZERO INT'L</td>
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</table>

ZERO INT'L 565 AND 65 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED

- MAXIMUM DESIGN PRESSURE RATING 60PSF
- MAXIMUM DOOR SIZE 3'-0" X 7'-0"
(6'-0" X 7'-0" PAIR)

### RIM EXIT DEVICE WITH HARDWARE MULLION

FOR CONFIGURATIONS: HINGE JAMB

FOR CONFIGURATIONS: SURFACE OR CONCEALED VERTICAL ROD EXIT DEVICES

### DOUBLE DOORS: NON WATER RATED ZERO INT'L THRESHOLD OPTIONS

NOTES:
1. SLOTTED LOCATIONS ITEM 15 MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP (15) RIGID SECTION IS MADE OF PRO-FAX #10-199 POLYPROPYLENE HOMOPOLYMER.
3. DOOR SWEEP (15) FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73.
4. FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A, 14B, 14C, 14D, 14E) AND THRESHOLD (12A, 12C) AS APPLICABLE ARE REQUIRED FOR ALL INSTALLATIONS.
5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR 100% SILICONE CAULK.
6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 100% SILICONE CAULK FULL LENGTH OF SILL.
TABLE 4.2 NON WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>MODEL No/J DESCRIPTION</th>
<th>MFG.</th>
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<tbody>
<tr>
<td>12B</td>
<td>950 THRESHOLD NGP</td>
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<tr>
<td>14A</td>
<td>PS074 DOOR SEAL</td>
<td>STEELCRAFT</td>
</tr>
<tr>
<td>15</td>
<td>FAS-SEAL SWEEP</td>
<td>STEELCRAFT</td>
</tr>
<tr>
<td>16</td>
<td>END CHANNEL</td>
<td>STEELCRAFT</td>
</tr>
<tr>
<td>17B</td>
<td>137 SPLIT ASTRAGAL NGP</td>
<td></td>
</tr>
</tbody>
</table>

NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED.

MAXIMUM DESIGN PRESSURE 60 PSF FOR MAXIMUM DOOR SIZE OF 3'-0" X 7'-0" (6'-0" X 7'-0" PAIR)

DOUBLE DOORS: NON WATER RATED NGP THRESHOLD OPTION

NOTES:
1. DOOR WIDTHS FOR ITEM #15 MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP (15) RIGID SECTION IS MADE OF 1/8" X 2" X 99" POLYPROPYLENE HOMOPOLYMER.
3. DOOR SWEEP (15) FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73.
4. FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A) AND THRESHOLD (12B) AS APPLICABLE, ARE REQUIRED FOR ALL INSTALLATIONS.
5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR 100% SILICONE CAULK.

FOR CONFIGURATIONS: RIM EXIT DEVICE WITH HARDWARE MULLION

FOR CONFIGURATIONS: SURFACE OR CONCEALED VERTICAL ROD EXIT DEVICES

REVISIONS
A  APPROVAL DVG  JPD  03/11/15
B  EDR  CHANGE  SIM  08/01/16
H  REVISED DVG  JPD  07/27/18

BEND RADIUS

MANUFACTURER:
STEELCRAFT
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46250

TITLE: STEELCRAFT SERIES SINGLE AND DOUBLE DOORS WITH TRANSOM & SIDELITE FRAMES

DOUBLE GLAZED DOOR PERIMETER NGP SEAL HARDWARE
APPROVED WHERE WATER INFILTRATION IS NOT REQUIRED

SCHLAGE LOCK COMPANY, LLC
9017 BLUE ASH ROAD
CINCINNATI, OH 45242

ENLARGEments PRINTED BY NTS AUTOCAD
STEEL BUTT HINGE
4.5" X 4.5" STD. WT. MIN.
IVES SBB1/3CB1
STANLEY FBB179/CB1900
HAGER 1279
.134" MIN. LEAF THICKNESS
Fy MIN. = 36 ksl

HEAVY DUTY
CONTINUOUS HINGE
IVES 112HD & 224HD
ALUMINUM 6036-76 MIN
.110" MIN. LEAF THICKNESS

STEEL CONTINUOUS HINGE
IVES 600
.075" MIN. (14GA) LEAF THICKNESS
1012 COLD ROLLED STEEL
Fy MIN. 45 ksl
STAINLESS STEEL CONTINUOUS HINGE
IVES 700, 700CS
.075" (14GA) MIN. LEAF THICKNESS
304 STAINLESS STEEL
Fy MIN. 31 ksl

#12-24 MACHINE SCREWS
(18 MIN.) #10-24 MACHINE SCREW OR SELF
DRILLING EACH HINGE LEAF
QUANTITY VARIES PER HINGE LENGTH

NOTES:
1. HARDWARE INSTALLATION IS PER MANUFACTURER'S INSTRUCTIONS AS SPECIFIED IN THE DRAWING.

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 AND ELEVATION SHEET 1 (NOTE 3).