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 H Series Double glazed Outswing Commercial Steel Door w/wo Panic Exit-LMI

APPROVAL DOCUMENT: Drawing No IRGD07 Rev L, titled “Steelcraft H series Double outswing glazed”, sheets 1 through 20 of 20, prepared by the manufacturer, dated 05-20-07 and last revised on 04/24/18, signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Renewal 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, Hardware, DLO (Day light Opening) limitations in sheets 1, 2, 10 & 12. See sheets 5, 6, 7 & 8 for door sizes VS threshold types, brand and water Rating limitations. Lower design Pressure shall control the entire assembly.
2. New Von Duprin HH9954 mullion must meet min thk. & strength as listed in sheet 13. See Hollow mullion in sheet 9. Drop-in or expansion mullion anchor assembly must be from the anchor manufacturer (No substitution parts permitted).
3. See limitations of DLO (vision) for elevation configurations 3A (V-vision) and 3B (N3, N4 & N5) in sheet 10.
4. 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 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 revision & renews NOA #17-0320.07 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.

NOA No. 17-0426.03
Expiration Date: May 05, 2023
Approval Date: April 26, 2018
Page 1
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 IRGD07 Rev K, titled “Steelcraft H series Double outswing glazed”, sheets 1 through 17 of 17, prepared by the manufacturer, dated 05-20-07 and last revised on 08/30/15, signed and sealed by Thomas Gordon, P.E.

B. TESTS (Submitted under files #15-0930.04/#13-1217.15/#12-0305.15/ #10-0209.08/#07-0829.03)
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) 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 reports on
   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.
4. 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.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0426.03
Expiration Date: May 05, 2023
Approval Date: April 26, 2018

E - 1
B. TESTS (continue)
5. Test report on (Submitted under file # 07-0829.03)
   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,
signed and sealed by Ramesh Patel, P.E.

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-I dated 02/24/06 and
NCTL-210-3357-I dated Dec 28, 2006, signed and sealed by Gerard J. Ferrara, P.E.


C. CALCULATIONS: (submitted under file #15-0930.04)
1. Anchor verification calculations per FBC 2014 (5th Edition) dated 08/30/15, 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.

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

E. MATERIAL CERTIFICATIONS (items 6 thru 9, submitted under file # 10-0209.09)
1. Notice of Acceptance No. 13-0717.01 issued to Sabic Innovative Plastics for their “Lexan®
   Polycarbonate Sheet Products”, expiring on July 17, 2018.
2. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. (former E.I. DuPont
   DeNemours & Co., Inc.) for the “Sentry Glass ® Interlayer”, expiring on 07/4/17.
   P25C-60 core by Pyrophobic System LTD, dated DEC 05, 2010, issued by I. Zhvanetsky,
   chemical consultant.
4. Material composition & Flammability properties and Material Safety Data sheet of Calcium
   Silicate mineral block, issued by Marshfield Door Sys, Inc., Marshfield. WI 54449.
   Flame spread & Smoke density Characteristics of Building material” per ASTM84-12 for
   “Elfoam P200”, issued to Elliott Co. of Indianapolis Inc.
   Characteristics of Bldg material” per ASTM84 and self-Ignition per ASTM1929D for
   “Polyisocyanurate” issued by Omega Point Laboratories, Inc. to Elliot Co., Indianapolis, IN.
7. Tensile test report # CTLA-776W (0194I), dtd 02/25/02 prepared by CTL, Architectural
   Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0426.03
Expiration Date: May 05, 2023
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (continue)
8. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTM E-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
9. 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”.

F. STATEMENTS: Except items #1, balanced items submitted under files referenced above.
   1. Letter of conformance to FBC 2014 (5th Edition), dated 08/30/15, 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. Statement letter of conformance to FBC 2007 and no financial interest, dated FEB 03, 2010, prepared, signed and sealed by Gordon Thomas, P.E.
   7. Laboratory Compliance statement issued as part of the above test reports.
   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.
   10. 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

G. OTHER
1. This NOA renews NOA #15-0930.04, 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 consolidates NOA #(s) associated with this files are #13-1217.15, #10-0209.08, 07-0829.05, 03-0908.03, 04-0303.03, 05-0325.02, 08-0508.07 and 08-0715.03


A. DRAWINGS
1. Drawing No IRF-D07 Rev N, titled “Steelcraft H series Double Flush outswing”, sheets 1 through 17 of 17, prepared by the manufacturer, dated 05-20-07 and last revised on 04/25/18, signed and sealed by Hermes F. Norero, P.E.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0426.03
Expiration Date: May 05, 2023
Approval Date: April 26, 2018

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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 04/04/2017 and last revised on 04/09/2018, 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. Notice of Acceptance No. 17-0808.02 issued to Kuraray America, Inc. (Former E.I. DuPont DE Nemours & Co., Inc. for the “Sentry Glass® (Clear and White) Glass Interlayers”, expiring on 07/04/23.

F. STATEMENTS:
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.
3. 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.

G. OTHER
1. This NOA revises & renews NOA #17-0320.07, expiring on 05/05/23.
2. Test proposals #14-0251, #14-0252-R, 14-0253, #14-0254-R1, #14-1086 and #12-0797R approved by RER. Consolidation Test proposal # 06-2468, dated 04/27/07 approved by BCCO.
4. Allegion’s (Schlage/ Former Ingersoll-Rand) future updated HH9954 Von-Duprin Mullion catalog.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-0426.03
Expiration Date: May 05, 2023
Approval Date: April 26, 2018
<table>
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<tr>
<th>Door Configuration</th>
<th>Maximum Design Pressure, PSI</th>
<th>Maximum Door Opening Size, in.</th>
<th>Maximum Glazed Area Size (DLO), in.</th>
<th>Locking Hardware Description</th>
<th>Comments</th>
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<td>1</td>
<td>60</td>
<td>60</td>
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<td>Reel Exit Device 8/88959/85</td>
<td>For pairs use H39954 motion by Von Duprin See Sheet 10</td>
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<td>Reel Exit Device 8/88959/85</td>
<td>For pairs use H39954 motion by Von Duprin See Sheet 10</td>
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<td></td>
<td>34.25</td>
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<td>8/88959/85</td>
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<td>3A</td>
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<td>50</td>
<td>90</td>
<td>Reel Exit Device 9/49891/85</td>
<td>For pairs use H39954 motion by Von Duprin See Sheet 10</td>
</tr>
<tr>
<td>3B</td>
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<td>50</td>
<td>90</td>
<td>Reel Exit Device 9/49891/85</td>
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</tr>
<tr>
<td></td>
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<td></td>
<td>9/49891/85</td>
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<td>4</td>
<td>60</td>
<td>60</td>
<td>72</td>
<td>Surface Vertical Exit Device</td>
<td>For pairs use H39954 motion by Von Duprin See Sheet 10</td>
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<td>8/99207/85</td>
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<td>Surface Vertical Exit Device</td>
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<td>Concealed Vertical Exit Device</td>
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<td>8/99207/85</td>
<td>34.25</td>
<td>48</td>
<td>Concealed Vertical Exit Device</td>
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<td>6</td>
<td>60</td>
<td>60</td>
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<td>Three-Point Latching Device 8/99565/85</td>
<td>For pairs use H39954 motion by Von Duprin See Sheet 10</td>
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<td></td>
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<td>For pairs use H39954 motion by Von Duprin See Sheet 10</td>
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<td>10</td>
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<td>LVLV900AG2DCMD 10-072</td>
<td>Function w/ or w/o deadbolt, 3/4 in. through bolt &amp; 1 in. through bolt</td>
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<td>11</td>
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<td>Cylindrical Lock DN3900DC2CYL 10-072</td>
<td>Function w/ or w/o deadbolt, 3/4 in. through bolt (if applicable)</td>
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<td>34.25</td>
<td>72</td>
<td></td>
<td>DN3900DC2CYL 10-072</td>
<td>1/2 in. through bolt</td>
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**TABLE 1.**

1. SEE SHEETS 12, 13, 14 & 15 FOR LOCKING HARDWARE. FOR DOOR CONFIGURATIONS 10 & 11 INACTIVE LEAF REQUIRES IVE5 SB350 SURFACE BOLT TOP AND BOTTOM.
2. DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO 475 PSI WITH ZERO INLET THRESHOLD 12A WHEN WATER INFILTRATION REQUIREMENT IS NEEDED. SEE SHEET 5
3. DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO 475 PSI WITH ZERO INLET THRESHOLD OPTIONS (12A, 12C & 12D) WHEN INFILTRATION REQUIREMENT IS NOT NEEDED. SEE SHEET 7
4. DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO 690 PSI WITH NGP THRESHOLD 12B WHEN WATER INFILTRATION IS NOT NEEDED. SEE SHEET 8
5. DOOR CONFIGURATIONS 7A & 8 ARE FOR USE ON TWO DOORS WITH FIXED HOLLOW METAL MULLION.
6. DLO - DAYLIGHT OPENING, SAME AS EXPOSED GLASS OR FINISHED OPENING. SEE SHEETS 10 & 11 FOR GLAZING TYPES, DETAILS AND LIMITATIONS.
### Table 3.2: Water Rate Perimeter Seal Hardware - Zero Int'l Threshold 566

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>DESCRIPTION</th>
<th>MFG.</th>
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<td>12A</td>
<td>566 Threshold</td>
<td>Zero Int'l</td>
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<tr>
<td>15</td>
<td>FAS SEAL SWEEP</td>
<td>Steelcraft</td>
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<td>16</td>
<td>END CHANNEL</td>
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<td>22A</td>
<td>1685 DOOR SEAL</td>
<td>Zero Int'l</td>
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<td>24A</td>
<td>139 DOOR SEAL</td>
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<td>24B</td>
<td>328 DOOR SWEEP</td>
<td>Zero Int'l</td>
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<td>25A</td>
<td>475 ADJUSTABLE SEAL</td>
<td>Zero Int'l</td>
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<td>26A</td>
<td>143 RAIN DRIP</td>
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<td>28B</td>
<td>11 RAIN DRIP</td>
<td>Zero Int'l</td>
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<td>27</td>
<td>DOOR TOP CAP</td>
<td>Steelcraft</td>
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</table>

**Zero Int'l 566 Threshold Gasketing System Requirements for Water Infiltration - Maximum Design Pressure Rating 75PSF. (See Elevations Sheet 1)**

For Configurations: 7 & 8 (See Elevations Sheet 1)

### Table 3.3: Water Rate Perimeter Seal Hardware - NGP Threshold 565

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>DESCRIPTION</th>
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<td>550 Threshold</td>
<td>NGP</td>
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<td>END CHANNEL</td>
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<td>14A</td>
<td>PB674 DOOR SEAL</td>
<td>Steelcraft</td>
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<td>23</td>
<td>202N DOOR SEAL</td>
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<td>24C</td>
<td>200N DOOR SWEEP</td>
<td>NGP</td>
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<td>25B</td>
<td>170 ADJUSTABLE SEAL</td>
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<td>16A RAIN DRIP</td>
<td>NGP</td>
</tr>
<tr>
<td>27</td>
<td>DOOR TOP CAP</td>
<td>Steelcraft</td>
</tr>
</tbody>
</table>

**NGP 550 Threshold Gasketing System Requirements for Water Infiltration - Maximum Design Pressure Rating 75PSF. For Maximum Door Size of 3'-0" x 7'-0". Maximum Design Pressure 55 PSF for Maximum Door Size of 4'-0" x 5'-0". (See Elevations Sheet 1)**

For Configurations: 7 & 8 (See Elevations Sheet 1)

**Notes:**

1. Slit locations may vary with different door width.
2. Door Sweep (rigid section) is made of Pro-Fax 8065 Polypropylene Hemopolymer.
3. Door Sweep Flexible section is made of Santoprene #021-73.
4. FAS Seal Door Sweep (12A or 12B) 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 on 100% silicone caulk full length of sill.
7. Manufactured by Steelcraft, Inc.
8. Two Type A projection sticks, Steelcraft's No. 2282 double glazed butting compression, steel doors with and without panel exit devices.
9. Double glazed door perimeter seal hardware approved where water infiltration is required.

---

**Diagram:**

- FAS SEAL DOOR SWEEP
- ZERO 128 DOOR SEAL
- ZERO 328 DOOR SEAL
- ZERO 143 RAIN DRIP
- TYPICAL THRESHOLD SET INTO BEAD OF CAULK (SEE NOTE 6)
- BOTTOM OF DOOR WEATHERSTRIPPING AND SEAL INSTALLATION

---

**Survey:**

- Picture of door frame and hardware installation.
### TABLE 4.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS

<table>
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<tr>
<th>ITEM NUMBER</th>
<th>MODEL No.</th>
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<td>12A 566</td>
<td>566 THRESHOLD</td>
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<tr>
<td>12C 658</td>
<td>658 THRESHOLD</td>
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<td>12D 698</td>
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<td>14A</td>
<td>P8074 DOOR SEAL</td>
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<td>1893 DOOR SEAL</td>
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<td>81446 DOOR SEAL</td>
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<td>81608 DOOR SEAL</td>
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<td>FAS SEAL SWEEP</td>
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<td>16</td>
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<td>ZERO INT'L</td>
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<tr>
<td>17A</td>
<td>328 SPLIT ASTRAGLAL</td>
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GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED. MAXIMUM DESIGN PRESSURE RATING 7IPSF - MAXIMUM DOOR SIZE 4'-0" X 8'-0" (SEE ELEVATIONS SHEET 1)

**FOR CONFIGURATIONS: 1, 2, 3A, 3B, 6 & 8 (SEE ELEVATIONS SHEET 1)**

**FOR CONFIGURATIONS: 4 & 5 (SEE ELEVATIONS SHEET 1)**

**FOR CONFIGURATIONS: 7 & 9 (SEE ELEVATIONS SHEET 1)**

**FOR CONFIGURATIONS: 10 & 11 (SEE ELEVATIONS SHEET 1)**

**REVISIONS**

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<tr>
<td>L</td>
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**NOTES:**

1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #66-100 POLYPROPYLENE HOMOPOLYMER.
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #801-25.
4. FAS SEAL DOOR SWEEP (10), DOOR SEAL (1A, 1B, 1C, 1D, 14) AND THRESHOLD (1A, 1C, 1D, 12A) AS APPLICABLE, ARE REQUIRED FOR ALL INSTALLATIONS.
5. SEAL ALL JOINTS WHERE FRAME MEETS WALL, WITH BUTYL RUBBER OR 50% SILICONE CAULK.
6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR 50% SILICONE CAULK FULL LENGTH OF SWILL.

**ALL CONFIGURATIONS**

- TOP OF DOOR FRAME HEAD
- INTERIOR

**PRODUCT REVISIONS**

- 17H-32930-3
- 17H-32930-4

**STATE OF**

- MANUFACTURING FACILITY
  - STEELCRAFT
  - SCHLAGE LOCK COMPANY, LLC
  - 6850 HILLSIDE COURT, INDIANAPOLIS, IN 46250

**BRAND URL**

- Vpenh.com/0778607.png

**DIAGRAM ATTACHMENTS**

- DOUBLE GLAZED DOOR PERIMETER SEAL ZERO INT'L HARDWARE
- APPROVED WHERE WATER INFILTRATION IS NOT REQUIRED.

**CERTIFICATE OF COMPLIANCE**

- NO. 07770

**APPENDIX A**

- IRG007

**DURABLE MATERIALS**

- NTS AUTOCAD SHEET 7 OF 20
EXIT HARDWARE OPTIONS:
F-25-C & (FJ)25-V SERIES - FUNCTIONS AE,
DM, LM, LK, KOR, ED, EL, EA, FSA, FSE, HWEA,
TRIMS: ALL APPLICABLE TRIMS AVAILABLE.

NOTE: ELECTRICAL FUNCTIONS/INSTALLATION AND FIRE RATINGS ARE NOT PART
OF THIS APPROVAL AND TO BE REVIEWED AND APPROVED BY BUILDING OFFICIAL.
REVISIONS

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NOTES:
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS
STEEL BUTT HINGE
IVES 5881/3CB1
STANLEY FB179/1900
HAGER BB1279
4.5" X 4.5" STD. WT. MIN.
.134" MIN. THICKNESS
Fy Min. = 36ksi

CONTINUOUS HINGE
IVES 112HD & 224HD
STANLEY 661HD
SELECT 511HD
PEMKO FM_HD SERIES
HAGER 780-224HD
ABH A240HD
ALUMINUM 6036-T6 MIN
.110" MIN. THICKNESS

10.38" MAX.
ON CENTER TYP.

2.75" MAX.
FROM CORNER TYP.

(15 MIN.) #12-24 x 3/4" FLAT HEAD
UNDERCUT SELF DRILLING
SCREW DOOR LEAF
(25 MIN.) 12-24 X 1-3/8" FLAT
HEAD UNDERCUT SELF
DRILLING SCREW FRAME LEAF
QUANTITY VARIES PER HINGE LENGTH

(18 MIN.) #10-24 x 1/2" MIN.
MACHINE SCREW OR SELF
DRILLING EACH HINGE LEAF
QUANTITY VARIES PER HINGE LENGTH

STEEL CONTINUOUS HINGE
IVES 800
.075" (14GA) MIN. THICKNESS
1012 COLD ROLLED STEEL
Fy Min. 45ksi
STAINLESS STEEL CONTINUOUS HINGE
IVES 700, 700CS
HAGER 790-800
MARKAR FM-300 & HG305
ABH A500
.075" (14GA) MIN. 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