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

APPROVAL DOCUMENT: Drawing No 776W-3 Rev J, titled “Steelcraft H series Single Door (Inswing)”, sheets 1 through 9 of 9, prepared by Building Drops, Inc., dated 05-01-02 and last revised on 10/24/17, signed and sealed by Hermes F. Norero, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

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

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, 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 revises NOA #16-1206.04 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 L. Chanda, P.E.

NOA No. 17-1026.24
Expiration Date: February 24, 2022
Approval Date: December 21, 2017
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted in previous files

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

B. TESTS (Submitted under files #15-0427.04/#13-1217.11/#13-0617.31/#11-0921.12/ #10-1206.02)
   1. Test report on
      1) Air Infiltration Test, per TAS 202-94
      2) Uniform Static Air Pressure Test, Loading per TAS 202-94
      3) Large Missile Impact Test per FBC, TAS 201-94
      4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
      5) Forced Entry Test, per PA 202-94
   
   Along with manufacturer's parts and section drawings of Single Steel doors w/ Stainless steel continuous hinges & modified Hat stiffeners, marked by Certified Testing Lab, Test Reports No(s). CTLA-3045W dated February 16, 2015, signed and sealed by Ramesh Patel, P.E.
   
   2. Test report on
      1) Air Infiltration Test, per TAS 202-94
      2) Uniform Static Air Pressure Test, Loading per TAS 202-94
      3) Large Missile Impact Test per FBC, TAS 201-94
      4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
      5) Forced Entry Test, per PA 202-94
   
   Along with manufacturer's parts and section drawings of double outswing steel doors w/CVC panic exit and Peep hole, marked by Element Material Technology, Test Reports No(s). ESP011623P dated May 14, 2013, signed and sealed by Jason Sheen, P.E.
   
   3. Test report on
      1) Air Infiltration Test, per TAS 202-94
      2) Water Resistance Test per FBC TAS 202-94 (Not conducted)
      3) Uniform Static Air Pressure Test, Loading per TAS 202-94
      3) Large Missile Impact Test per FBC, TAS 201-94
      4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
      5) Forced Entry Test, per PA 202-94

   along with manufacturer's parts and section drawings of Single flush Inswing / Outswing steel doors, marked by Certified Testing Lab, Test Reports No(s). CTLA-776W -2 & CTLA-776W -3 both dated June 07, 2002, both signed and sealed by Ramesh Patel, P.E.
   
   Note: Test report No. CTLA-776W -2 has been issued an addendum letter dated 12/03/09, issued by Certified Testing Lab, signed and sealed by Ramesh Patel, P.E.

   4. Additional Reference test reports per CTLA 776W-1 and CTLA 1035W-2 for anchor options qualifications.

Ishâq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1026.24
Expiration Date: February 24, 2022
Approval Date: December 21, 2017

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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS:
1. Anchor verification calculation and analysis prepared by Building Drops, Inc., dated 11-28-16 and last revised on 02/11/2017, signed and sealed by Hermes F. Norero, P.E.

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

E. MATERIAL CERTIFICATIONS (submitted under file # listed above)
1. Tensile test report # CTLA-776W (0194H), dated 02/25/02 prepared by CTL Architectural Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.
2. Test Report No. 3094867SAT-001, April 13, 2006, issued by Intertek for “Surface Burning Characteristics of Building material” per ASTM84 and self-Ignition per ASTM1929D for “EPS”, issued to Falcon Foam, a Div. of Atlas Roofing, re-named as “ATLAS EPS”.
3. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTM8-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
4. Test Report No. 16206-122543 (1015P200(3)), dated November 29, 2004 for “Surface Burning Characteristics of Building material” per ASTM84 and self-Ignition per ASTM1929D for “Polyisocyanurate” issued by Omega Point Lab, Inc. to Elliot Company, Indianapolis, IN.
5. Material Safety Data Sheet for “Pyrophoric core PSL P250-C60” manufactured by Pyrophobic System LTD, Canada.

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

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1026.24
Expiration Date: February 24, 2022
Approval Date: December 21, 2017
Schlage Lock Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER (Except items #1, all other items submitted under files listed above)
   1. This NOA revises & renews NOA #15-0427.04, expiring on 02/24/2022.
   2. Test proposal # 14-1086 dated AUG 29, 2014 approved by RER.
   3. Test proposal dated 12/03/09 for continuous hinges & SS strike plate, approved by BCCO.
   4. Additional marked-up drawings provided as part of addendum letters by Certified Testing laboratory, Inc.
   5. Photo of Stainless Steel Strike plate supplied by Ingersoll-Rand.


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

B. CALCULATIONS
   1. None

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

D. MATERIAL CERTIFICATIONS
   1. None.

E. STATEMENTS

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

Ishiq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1026.24
Expiration Date: February 24, 2022
Approval Date: December 21, 2017
E -3
### Design Pressure Rating (Inswing Door)

<table>
<thead>
<tr>
<th>Design</th>
<th>Impact Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lock/Strike</td>
<td></td>
</tr>
<tr>
<td>Plate Option</td>
<td></td>
</tr>
<tr>
<td>Where Water Infiltration Requirement is Needed</td>
<td>+120 PSF / -120 PSF</td>
</tr>
<tr>
<td>Where Water Infiltration Requirement is Not Needed</td>
<td></td>
</tr>
</tbody>
</table>

**Stainless Steel 304 or 316**

- **FY Min:** 312ksi
- **J Max:** 36ksi

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*Water infiltration resistance is not required when Door assemblies installed in non-habitable areas where the door assembly and area are designed to accept water infiltration, or it is protected by overhang with a length/height equal or greater than 1.*

*Door assemblies meet the 2017 8th Edition FBC air infiltration requirements.*

<table>
<thead>
<tr>
<th>Item Quantity</th>
<th>Description</th>
<th>Material</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HEAD SET SHT. &amp; B. ASTM A366</td>
<td>0.034&quot; MNL</td>
<td>SIZE: 8&quot;</td>
</tr>
<tr>
<td>3</td>
<td>HINGE JAMB SEE SHT. B. ASTM A366</td>
<td>0.034&quot; MNL</td>
<td>SIZE: 8&quot;</td>
</tr>
<tr>
<td>4</td>
<td>LOCKS</td>
<td>SEE SHEET 4</td>
<td>35.606&quot; X 81.50&quot;</td>
</tr>
<tr>
<td>6</td>
<td>LOCK SIDE REINFORCEMENT CHANNEL</td>
<td>0.035&quot; MNL</td>
<td>165 X 244 MAX</td>
</tr>
<tr>
<td>8</td>
<td>THROTTLE CHANNEL 1/2&quot; DIA. STAINLESS</td>
<td>0.070&quot; MNL</td>
<td>165 X 244 MAX</td>
</tr>
<tr>
<td>9</td>
<td>CONTINUOUS HINGE (SEE SHT.)</td>
<td>0.750&quot; MNDL</td>
<td>7/16 ALUM.</td>
</tr>
</tbody>
</table>

**NOTES:**

1. ONE ROW OF PS74 WEATHERSTRIPPING PER JAMB AND HEAD. INSTALL PER SHEET 8
2. ANCHORING REQUIREMENTS: SEE SHEETS 1, 2, AND 6 FOR APPROVALS AND INSTALLATION REQUIREMENTS.
3. HINGE REQUIREMENTS: MINIMUM (3) HINGES LOCATIONS: 9.75" FROM ANCHOR IN HEAD TO CL OF TOP HINGE. 10.38 IN FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED BETWEEN OR (1) CONTINUOUS HINGE
4. SEE SHEET 7 FOR AVAILABLE STANDARD DOOR / FRAME CONFIGURATIONS.
5. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
6. 4" FACE HEAD IS AVAILABLE WHEN FRAME IS MOUNTED WITH CONCRETE, TO MAX FRAME HEIGHT SHOWN.
7. APPLIES CAIL as needed.
8. PRODUCT IS NOT APPROVED WHERE WATER INFILTRATION REQUIREMENT IS NEEDED.

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**REVISIONS**

<table>
<thead>
<tr>
<th>LTR</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>APPROVED</th>
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<tr>
<td>A</td>
<td>APPROVAL DWG</td>
<td>03/05/19</td>
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</tr>
<tr>
<td>E</td>
<td>REVISED PER DC BCCD</td>
<td>01/17/19</td>
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<tr>
<td>F</td>
<td>REVISED PER DC BCCD</td>
<td>05/16/19</td>
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<td>G</td>
<td>REVISED NAME</td>
<td>11/01/19</td>
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<td>H</td>
<td>REVISED</td>
<td>03/05/19</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>CHANGE OF CUR</td>
<td>11/10/19</td>
<td></td>
</tr>
<tr>
<td>J</td>
<td>2017 FBC UPDATE</td>
<td>09/20/19</td>
<td></td>
</tr>
</tbody>
</table>
(A) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS
DENSITY: 1.0 LBS/FT³

(B) POLYSOCYANURATE
(POLYURETHANE)
BY ELLIOT CO. OF
INDIANAPOLIS, IN
DENSITY: 2.0 LBS/FT³

(C) STEEL STIFFENED
HAT SHAPED SECTIONS
20 GA. MIN.

(D) HONEYCOMB
KRAFT PAPER.

(E) TEMPERATURE RISE CORE
MINERAL FIBER BOARD
DENSITY: 17±1.5 LBS/FT³
BY PYROPHOBIC SYSTEM LTD
PYROPHOBIC PSL-P25DC-6D OR
MARSHFIELD DOOR SYSTEMS
CALCIUM SILICATE MINERAL CORE

(F) EXPANDED POLYSTYRENE FOAM
BY ATLAS EPS, DENSITY: 1.0 LB/FT³
OR POLYSOCYANURATE
(POLYURETHANE)
BY ELLIOT CO. OF INDIANAPOLIS, IN
DENSITY: 2.0 LBS/FT³

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

SECTION CC-CC

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

SECTION CC-CC

DOOR WIDTH V1' STIFFENERS
3'-0"
8

DOOR WIDTH V2' STIFFENERS
3'-0"
4

NOTE:
CORE MATERIAL SHOWN
WITHOUT HARDWARE REINFORCEMENTS

SCHLAGE LOCK COMPANY, LLC
MANUFACTURING FACILITY:
STEELCRAFT H SERIES SINGLE FLUSH HINGED COMMERCIAL STEEL DOOR W/ MORTISE LOCKS
DOOR CORE MATERIAL OPTIONS
776W-3
REV 1
MANUFACTURING FACILITY:
STEELCRAFT H SERIES SINGLE FLUSH HINGED COMMERCIAL STEEL DOOR W/ MORTISE LOCKS
DOOR CORE MATERIAL OPTIONS
776W-3
REV 1

SCHLAGE LOCK COMPANY, LLC
MANUFACTURING FACILITY:
STEELCRAFT H SERIES SINGLE FLUSH HINGED COMMERCIAL STEEL DOOR W/ MORTISE LOCKS
DOOR CORE MATERIAL OPTIONS
776W-3
REV 1
<table>
<thead>
<tr>
<th>STEELCRAFT H SERIES</th>
<th>CORE MATERIAL PER SHT.7</th>
<th>MAXIMUM OPENING SIZE</th>
<th>SKIN MATERIAL</th>
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<tbody>
<tr>
<td>DOOR TYPE</td>
<td></td>
<td>WIDTH</td>
<td>HEIGHT</td>
</tr>
<tr>
<td>FLUSH</td>
<td>HONEYCOMB POLYSTYRENE</td>
<td>3'0&quot;</td>
<td>7'0&quot;</td>
</tr>
<tr>
<td></td>
<td>POLYURETHANE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>STEEL</td>
<td>STEEL STIFFENED</td>
<td>3'0&quot;</td>
<td>7'0&quot;</td>
</tr>
<tr>
<td>STIFFENED</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TEMPERATURE RISE CORE</td>
<td>MINERAL FIBER</td>
<td>3'0&quot;</td>
<td>7'0&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMBOSSED PANELS</td>
<td>POLYSTYRENE/ HONEYCOMB</td>
<td>3'0&quot;</td>
<td>7'0&quot;</td>
</tr>
</tbody>
</table>

**NOTES:**
1. DOOR CONSTRUCTION
   1.1. NOMINAL DOOR THICKNESS – 1 3/4" 
   1.2. DOORS AVAILABLE IN FLAT AND EMBOSSED SURFACE MODELS (SEE TABLE 1) 
   1.3. ALL DOORS ARE FLUSH – NO LITES OR LOUVERS Approved 
   1.4. DOOR VIEWERS ARE PERMITTED TO BE USED IN A DOOR WITH A DESIGN RATING OF +/- 75 PSF OR LESS 
2. FRAME CONSTRUCTION
   2.1. NOMINAL JAMB DEPTH – 5 3/4", STOP HEIGHT – 5/8" 
   2.2. FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULTI-USE (MU-SERIES) (SEE TABLE 2) 
3. FOR DOOR/FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3.

<table>
<thead>
<tr>
<th>STEELCRAFT FRAME SERIES</th>
<th>JAMB DEPTH</th>
<th>MAXIMUM OPENING SIZE</th>
<th>MATERIAL</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td>WIDTH</td>
<td>HEIGHT</td>
</tr>
<tr>
<td>F</td>
<td>5.75&quot; Nom.</td>
<td>3'0&quot;</td>
<td>7'0&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MU</td>
<td>5.75&quot; Nom.</td>
<td>3'0&quot;</td>
<td>7'0&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

**TABLE 3. STEEL DOOR/FRAME MECHANICAL PROPERTIES.**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>ASTM REF.</th>
<th>DOOR</th>
<th>FRAME</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>YIELD KSI</td>
<td>TENSILE KSI</td>
</tr>
<tr>
<td>CRS</td>
<td>ASTM A366</td>
<td>44.7 MIN.</td>
<td>50.2 MIN.</td>
</tr>
<tr>
<td>HRS</td>
<td>ASTM A1011</td>
<td>44.7 MIN.</td>
<td>50.2 MIN.</td>
</tr>
<tr>
<td>GALV: A60</td>
<td>ASTM A924</td>
<td>44.7 MIN.</td>
<td>50.2 MIN.</td>
</tr>
</tbody>
</table>

**REV: H**
MANUFACTURING FACILITY: STEELCRAFT
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46220
(317) 299-6310
INDIANAPOLIS, IN 46234
(317) 299-6310
SCHLAGE LOCK COMPANY, LLC
MANUFACTURING FACILITY: STEELCRAFT
5017 BLUE ASH ROAD
CINCINNATI, OH 45242
(513) 791-6300
(513) 791-6300
SCHLAGE LOCK COMPANY, LLC
6810 HILLSDALE COURT
INDIANAPOLIS, IN 46220
(317) 299-6310
INDIANAPOLIS, IN 46234
(317) 299-6310
FAS-SEAL DOOR SWEEP

NEOPRENE (full length)
0.25
0.50
5.00

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

SEAL
0.025
0.50

PEMCO 2005 SERIES THRESHOLD
WITH SILICONE, VINYL
OR PILE SEAL
6063-T6 ALUMINUM

BUMPER
0.078
0.50

NATIONAL GUARD 950 SERIES THRESHOLD
WITH SILICONE, VINYL
OR NEOPRENE BUMPER
6063-T5 ALUMINUM

IVES 699/699B DOOR VIEWER
TOP OF 4' 15/16" P.V.

SE FLEXIBLE
SE SEMI-RIGID
0.469°
40.00°
0.016°
0.50°

FLEXIBLE SECTION
SEE NOTE 3.

RIGID SECTION
SEE NOTE 2.

5.00

PRODUCT REVIEWS
on complying with the Florida
Building Code
Aesthetic Arts, Inc.
Registration No. #FS-2001
Florida/South Carolina/Pennsylvania

NOTES:
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT WIDTH.
   (MAX. 36°)
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #70-199
   POLYPROPYLENE HOMOPOLYMER
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #100-73
   73 DUROMETER - SHORE A SCALE