SIW Solution, LLC
975 S. Congress Ave. # 102
Delray Beach, Florida 33445

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: Series “500-9” Aluminum Outswing Doors w/wo Sidelite or Transom

APPROVAL DOCUMENT: Drawing No. W13-68 Rev F, titled “Series 500-9 Alum Outswing Entrance Door (L.M.I.)”, sheets 1, 2, 3, 4, 4.1 through 16 of 16, dated 12-30-13 and last revised on Jan 08, 2019, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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 DP tables for X or XX in sheets 2 & 3, O/X or O/XX in sheet 4, for O in sheet 4.1 and door w/ sidelites (Narrow stiles w/wo Reinforcements and/or Wide stiles) in sheet 5. Lower DP from door w/ transom or sidelite may control.
2. Max single door leaf width mulled with sidelites in sheet 5, shall not exceed = 36-91/6”.
3. ADA threshold options #1 and #2 are not rated for water Resistance* and limited to DP=+/- 62 PSF.
4. Glass A is limited to DP=+/- 70 PSF. Glass lites wider than 36” shall have two setting blocks per FBC requirements.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 # 17-1115.01 (former SIW Impact Window, LLC) 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. 19-0131.14
Expiration Date: May 22, 2023
Approval Date: February 28, 2019
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
1. Manufacturer's die drawings and sections (submitted under files # see below)
2. Drawing No. W13-68 Rev C, titled "Series 500-9 Alum Outswing Entrance Door (L.M.I.)", sheets 1, 2, 3, 4, 4.1 through 16 of 16, dated 12-30-13 and last revised on Oct 06, 2015, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS (submitted under file # 14-0305.06)
1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, 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 2411 3.2.1, TAS 202-94

Along with installation diagram of aluminum Outswing doors w/wo sidelite and transom, prepared by Black Water Testing Inc., Test reports #BT-SIW-13-001 and BT-SIW-13-006 dated June 10, 2013 and December 11, 2013, both signed and sealed by Yamil Kuri, P.E.

Note: The above test reports have been revised by an addendum letter dated 05/09/14, issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.

2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
   2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
   3) Water Resistance Test, per FBC, 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 2411 3.2.1, TAS 202-94

Along with installation diagram of aluminum Inswing / Outswing doors w/wo sidelite and transom, prepared by Hurricane Engineering and Testing, Test Report No. HETI 07-4339, HETI 07-4371, HETI 07-4371, HETI 07-4372, HETI 07-4373 and HETI 07-4374 dated 01/03/08, HETI-08-2184A & B dated 10/01/08, HETI 09-2572A, HETI 09-2573 dated June 30, 2009, all signed and sealed by Candido Font, P.E.

C. CALCULATIONS
1. Anchor verification calculations complying with FBC2014 (5th Edition), prepared by Al Farooq Corporation, dated MAR 27, 2015 and last revised on Jul 30, 2015, signed and sealed by Javad Ahmad, P.E.

2. Glazing complies w/ ASTME-1300-04 & -09

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

[Signature]
Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.14
Expiration Date: May 22, 2023
Approval Date: February 28, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. (Former E.I. DuPont DeNemours & Co., Inc.) for the “Sentry Glass ® (Clear and White) Glass Interlayers”, expiring on 07/04/18.
2. Notice of Acceptance No. 11-0624.01 issued to Kuraray America, Inc. (former E.I. DuPont DeNemours & Co., Inc.) for the “Butacite ® PVB interlayer”, expiring on 12/11/16.

F. STATEMENTS (Except item #1, all other submitted under file # 14-0305.06)
1. Statement letter of conformance to FBC 2014 (5th Edition) and letter of no financial interest, prepared by Al Farooq Corporation, dated 03/25/15, signed and sealed by Javad Ahmad, P.E.
2. Lab compliance as part of the above referenced test report.
3. Addendum letter dated 05/09/14 ref #BT-SIW-13-001 and BT-SIW-13-006, issued by Black Water Testing Inc., signed and sealed by Yamil Kuri, P.E.
4. Addendum letter ref HETI-07-4374 dated May 06, 2008, issued by HETI, signed and sealed by Candido Font, P.E.

G. OTHER
1. This NOA revises NOA # 14-0305.06, expiring 05/22/18.
2. Test proposal dated 05/23/1, approved by RER.

2. Evidence submitted under previous approvals

A. DRAWINGS
1. Drawing No. W13-68 Rev E, titled “Series 500-9 Alum Outswing Entrance Door (L.M.I.)”, sheets 1, 2, 3, 4, 4.1 through 16 of 16, dated 12/30/13 and last revised on 11/07/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS
1. None.

C. CALCULATIONS

D. QUALITY ASSURANCE
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. for their “Sentry Glas ® (Clear and White) Glass Interlayers”, expiring on 07/04/23.
2. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their “Trosifol ® Ultraclear , Clear and Color PVB Glass Interlayers”, expiring on 07/08/19.

F. STATEMENTS

G. OTHER
1. This NOA revises and renews NOA # 15-0406.13, expiring 05/22/18.

Ishaq T. Chanda
Product Control Unit Supervisor
NOA No. 19-0131.14
Expiration Date: May 22, 2023
Approval Date: February 28, 2019
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED


A. DRAWINGS
1. Drawing No. W13-68 Rev F, titled “Series 500-9 Alum Outswing Entrance Door (L.M.I.)”, sheets 1, 2, 3, 4, 4.1 through 16 of 16, dated 12-30-13 and last revised on Jan 08, 2019, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P. E.

B. TESTS
1. None.

C. CALCULATIONS
1. None.

D. QUALITY ASSURANCE
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.
2. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their “Trosifol ® Ultraclear , Clear and Color PVB Glass Interlayers”, expiring on 07/08/19.

F. STATEMENTS (submitted under file #18-0116.11)
1. Letter of conformance to FBC 2017 (6th edition) and No Financial interest dated NOV 07, 2017, prepared by Al Farooq Corporation, signed and sealed by Java Ahmad, P.E.
2. Statement letter dated DEC 28, 2019, issued by SIW Impact Window, LLC that it has sold all assets of Exhibit “A” NOA(s), equipment’s, accessories and “Know how” and No longer manufacture the products and request to rescind the Exhibit “A” NOA(s), signed by Abdiel Lopez, Manager.
3. Statement letter dated DEC 30, 2019, issued by SIW Solution, LLC that it has purchased all assets of Exhibit “A” NOA(s), equipment’s, accessories and “Know how” and request Name change of the Exhibit ”A” NOA(s) , signed by Steven A. Tourek, Secretary.

G. OTHER
1. This NOA # 17-1115.01 (former SIW Impact Window, LLC), expiring 05/22/2023.
2. Bill of sale dated DEC 28, 2018 between SIW Impact Window (Seller) and SIW Solution, LLC, (purchaser), signed by respective company’s representative, Abdiel Lopez, Manager and Steven A. Tourek, Secretary.
3. Division of corporation listing of SIW LLC, as active status

Ishaq I. Chanda, P.E.
Product Control Unit Supervisor
NOA No. 19-0131.14
Expiration Date: May 22, 2023
Approval Date: February 28, 2019
GLAZING OPTIONS

GLASS TYPE 'A'
7/16" OVERALL LAM. GLASS

GLASS TYPE 'B'
7/16" OVERALL LAM. GLASS

ALTERNATE GLAZING DETAIL
GLASS TYPES 'A' & 'B'

GLASS TYPE 'C'
1" OVERALL LAM. INSUL. GLASS

GLASS TYPE 'D'
1" OVERALL LAM. INSUL. GLASS

NON STRUCTURAL DECORATIVE GRILL
SOLID ALUM BAR
OPTIONAL

TROXCEL PVB
By 'Kuraray America, Inc.'

CARDINAL XL
EDGE SPACER
ST. STEEL

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES 500-9
ALUMINUM OUTSWING ENTRANCE DOOR

SINGLE (X) AND DOUBLE (XX) LEAF DOORS W/ O TRANSGR Sheet 2 & 3.
SINGLE (O/X) AND DOUBLE (O/XX) LEAF DOORS WITH TRANSOMS SEE SHEET 4.
SINGLE AND DOUBLE LEAF DOORS WITH SIDELITES SEE SHEET 5.
SEE SHEET 2 FOR GLASS TYPES AND LOCKING OPTIONS.
SEE SHEET 3 FOR GLASS TYPE AND ADA SILL.
SEE SHEET 4.1 FOR SINGLE SIDELITE AND GLASS TYPES.
LOWER VALUES FROM TRANSOM/SIDE LITE CAPACITY CHART OR DOOR CAPACITY
WILL APPLY TO ENTIRE SYSTEM.

DOORS WITH STD. SILL APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.
DOORS WITH ADA THRESHOLDS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (8TH EDITION) FLORIDA BUILDING CODE
INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE
DESIGNED AND INSTALLED IN ACCORDANCE WITH APPLIED PRODUCT LOADS.
TO THE BUILDING STRUCTURE.
ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLATION PER MANUFACTURER'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISIMULA MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2017 FLORIDA BLDG. CODE & ADOPTEED STANDARDS.
THIS PRODUCT APPROVAL IS SPECIFIC TO THE PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 19-013/14
Expiration Date: MAY 22, 2024

ALFARDOQ CORPORATION
www.alfarodoq.com
4530 SUNDANCE DRIVE SUITE 230
DELRAY BEACH, FL 33446
TOLL FREE: 800-345-1502
PHONE: 561-274-9242
FAX: 561-274-3992

SIGNATURE PAGE ON FILE WITH THE FLORIDA BUILDING OFFICE
DOORS WITH STD. 3 POINT LOCKING HARDWARE

TYPICAL ELEVATION

SURFACE APPLIED FALSE MUNTINS OR DECORATIVE GRILL MAY BE USED

ACTIVE

DOOR LEAF WIDTH

TYPICAL ELEVATION

SILL CORNER ANCHORS AT ADA THRESHOLD ONLY

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCAD5-DEC-219

PRODUCT REVIEW
as complying with the Florida Building Code
Acceptance No. 12-1218 (2018)
Registration Dec. 2017-2021

GLASS D.O.L. FORMULA:
D.O.L. WIDTH = FRAME WIDTH - 9.813" (X DOORS)

D.O.L. HEIGHT = FRAME HEIGHT - 11.5" (4' BOTTOM RAIL)

* D.O.L. HEIGHT = FRAME HEIGHT - 13.5" (6' BOTTOM RAIL)

PROD No. 70002
Jan 8, 2019
STATE OF FLORIDA

W13-68
DOORS WITH SURFACE APPLIED PANIC HARDWARE

TYPICAL ELEVATION (X)

DOORS LOAD CAPACITY = PSF
SINGLE DOORS (X)

<table>
<thead>
<tr>
<th>DOOR DMS.</th>
<th>GLASS TYPE 'B'</th>
<th>ADA THRESHOLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRAME WIDTH</td>
<td>HEIGHT</td>
<td>EXT.(+)</td>
</tr>
<tr>
<td>36 1/4&quot;</td>
<td>97-3/16&quot;</td>
<td>62.0</td>
</tr>
</tbody>
</table>

TYPICAL ELEVATION (XX)

DOORS LOAD CAPACITY = PSF
DOUBLE DOORS (XX)

<table>
<thead>
<tr>
<th>DOOR DMS.</th>
<th>GLASS TYPE 'B'</th>
<th>ADA THRESHOLD</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRAME WIDTH</td>
<td>FRAME HEIGHT</td>
<td>EXT.(+)</td>
</tr>
<tr>
<td>76 1/16&quot;</td>
<td>97-3/16&quot;</td>
<td>62.0</td>
</tr>
</tbody>
</table>

NOTE:
VERIFY COMPLIANCE WITH EGRESS LIMITATIONS WHERE REQUIRED.

SEE SHEET 14 FOR LOCK DESCRIPTION AND SHEET 9 FOR DETAIL.
### Glass Type 'A' (See Note Below)

<table>
<thead>
<tr>
<th>Side lite width (inches)</th>
<th>Narrow Style</th>
<th>Narrow Style</th>
<th>Wide Style</th>
<th>Narrow Style</th>
<th>Narrow Style</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width w/o skirt</td>
<td>Width w/ skirt</td>
<td>Width w/o skirt</td>
<td>Width w/ skirt</td>
<td>Width w/o skirt</td>
</tr>
<tr>
<td></td>
<td>EX (in)</td>
<td>INT (in)</td>
<td>EX (in)</td>
<td>INT (in)</td>
<td>EX (in)</td>
</tr>
<tr>
<td>30</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>36</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>42</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>48</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>52</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>54</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>60</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

### Glass Type 'B' (for doors, glass and b & 2)

<table>
<thead>
<tr>
<th>Side lite width (inches)</th>
<th>Narrow Style</th>
<th>Narrow Style</th>
<th>Wide Style</th>
<th>Narrow Style</th>
<th>Narrow Style</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width w/o skirt</td>
<td>Width w/ skirt</td>
<td>Width w/o skirt</td>
<td>Width w/ skirt</td>
<td>Width w/o skirt</td>
</tr>
<tr>
<td></td>
<td>EX (in)</td>
<td>INT (in)</td>
<td>EX (in)</td>
<td>INT (in)</td>
<td>EX (in)</td>
</tr>
<tr>
<td>30</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>36</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>42</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>48</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>52</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>54</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>60</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
<td>0.0</td>
</tr>
</tbody>
</table>

### Notes
- The frame area of alternate size must not exceed tested frame area = 127.31 sq. ft.
- Rown as reqd. see chart.
- Inactive.

### Instructions
1. Select single or double doors capacity, glass types and locking options from tables on sheets 2 & 3.
2. Select lower of side lite to door millwork capacity from table above.
3. Lower values from steps 1 or 2 will apply to entire system.
SINGLE LEAF DOORS WITHOUT SIDELITES.
SINGLE LEAF DOORS WITH SINGLE SIDELITE AT EITHER SIDE OF DOOR.

DOUBLE LEAF DOORS WITHOUT SIDELITES.
DOUBLE LEAF DOORS WITH SINGLE SIDELITE AT EITHER SIDE OF DOOR.

NOTE: THE FRAME AREA OF ALTERNATE SIZE MUST NOT EXCEED TESTED FRAME AREA = 127.31 SQ. FT.

SEE SHEETS 2 AND 3 FOR MAXIMUM DOOR WIDTHS AND HEIGHTS
SEE SHEET 5 FOR SIDELITE WIDTHS

D.L.O. HEIGHT (SIDELITE) = LEAF HEIGHT - 12" (4" TOP RAIL, 6" BOT. RAIL)
D.L.O. WIDTH (SIDE LIFE) = LEAF WIDTH - 10" (WIDE STILES)
D.L.O. WIDTH (SIDE LIFE) = LEAF WIDTH - 8" (NARROW STILES)

APPROVED CONFIGURATIONS

DOORS, SIDELITES AND TRANSMAN COMBINATIONS SHOWN ABOVE CAN BE USED AS INDIVIDUAL UNITS AS SHOWN OR IN COMBINATIONS WITH OTHER APPROVED PRODUCTS USING MIAMI-DADE COUNTY APPROVED MULLION IN BETWEEN. LOWER VALUES FROM DOOR, SIDELITE, MULLIONS OR APPROVED PRODUCTS USED WILL APPLY TO ENTIRE SYSTEM.

TO BE APPROVED BY AJH (AUTHORITY HAVING JURISDICTION).
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

<table>
<thead>
<tr>
<th>ANCHORS TYPE</th>
<th>AT HEAD</th>
<th>AT SILL</th>
<th>AT JAMBS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MIN. LENGTH</td>
<td>MIN. EDGE DIST</td>
<td>MIN. LENGTH</td>
</tr>
<tr>
<td>1/4&quot; DIA. ULTRACOMBS</td>
<td>WOOD 2-3/4&quot;</td>
<td>1&quot;</td>
<td>N.A.</td>
</tr>
<tr>
<td></td>
<td>(Fu=177 KSI, f_y=155 KSI)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4&quot; DIA. SELF DRILLING SCREWS (GRADE 5 CRS)</td>
<td>METAL 3/4&quot;</td>
<td>3/4&quot;</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

WOOD = 28Y MARINE BUCK OR WOOD STRUCTURE S.G. = 0.55 MIN.
MASONRY = C-90 HOLLOW/FILLED BLOCK F_m = 2000 PSI MIN.
CONCRETE = F_c = 3000 PSI MIN.
METAL = 1/8" MIN. THK. STEEL F_y=58 KSI, F_u=36 KSI MIN.
WALL EDGE COUNTY APPROVED MILLSLAB 1/8" MIN. THK. ALUMINUM (6063-T5, Fu=22 KSI)

IBY OR 28Y MARINE BUCKS AND METAL STRUCTURES NOT BY "S.W. SOLUTIONS"
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER
THEM TO BUILDING STRUCTURE.
ANCHORS MAY BE HEX OR FLAT HEAD.
STAND ALONE STATIONARY UNITS
(SINGLE SIDELITE)
NOTE:
MAX. FRAME AREA OF ALTERNATE SIZE NOT TO EXCEED = 127.31 SQ. FT.
LOCK OPTIONS 1 & 3

STD. 3 POINT LOCK
MAX. FRAME HEIGHT = 108 IN.
MAX. LEAF = 36-9/16 IN.
MAX. DESIGN LOAD = 80 PSF

ACTIVE LEAF:

OPTION A:
3 POINT LOCK ASSEMBLY (M18055) BY "ADAMS RITE" WITH 4015 THROW BOLT AT 35-1/2" FROM BOTTOM
FUSEL FLUSH BOLTS CONNECTED TO LOCK
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR AND ENGAGING FRAME AT HEAD AND SILL

OPTION B:
LOCK ASSEMBLY (M5110-SCAT6) BY "ASHLAND"
WITH THROW BOLT AT 35-1/2" FROM BOTTOM
FLUSH BOLTS CONNECTED TO LOCK
KEY OPERATED ON EXTERIOR AND THUMB TURN ON
INTERIOR AND ENGAGING FRAME AT HEAD AND SILL

INACTIVE LEAF

CONCEALED FLUSH BOLTS (FB-1202-914)
"SULLIVAN & ASSOC.", MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF LEAF STILE LOCATED AT
13-1/2" FROM BOTTOM AND 34" FROM TOP

LOCK OPTION 4
MAX. FRAME HEIGHT = 97-3/4 IN.
MAX. LEAF = 36-9/16 IN.
MAX. DESIGN LOAD = 60 PSF

ACTIVE LEAF:

EXPOSED FLUSH BOLTS (FB-1202-914)
"SULLIVAN & ASSOC.", MANUALLY OPERATED LEVERS MOUNTED ON
FACE OF LEAF STILE LOCATED AT
13-1/2" FROM BOTTOM AND 34" FROM TOP

INACTIVE LEAF:

CONCEALED FLUSH BOLTS (FB-1202-914)
"SULLIVAN & ASSOC.", MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF LEAF STILE LOCATED AT
13-1/2" FROM BOTTOM AND 34" FROM TOP

LOCK OPTION 5
MAX. FRAME HEIGHT = 97-3/16 IN.
MAX. LEAF WIDTH = 36-9/16 IN.
MAX. DESIGN LOAD = 62 PSF

ACTIVE & INACTIVE LEAF:

SURFACE VERTICAL ROD PANIC EXIT DEVICE BY
"SULLIVAN & ASSOC.", MANUALLY OPERATED LEVERS MOUNTED ON
INSIDE FACE OF LEAF STILE LOCATED AT
13-1/2" FROM BOTTOM AND 34" FROM TOP

SEALANTS:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
SMALL J OINT SEALER.

HINGES:
4" X 4" ST. STEEL BUTT HINGES DELTANA (D58448 OR SD4448)
AT 12" FROM TOP AND BOTTOM ENDS AND 26-5/8" O.C. MAX.
HINGE ATTACHED TO DOOR FRAME AND DOOR STYLE
USING (4) #12 X 1" PH WS
3 HINGES PER LEAF UP TO 6/8 HIGH DOORS
4 HINGES PER LEAF DOORS HIGHER THAN 6/8