NOTICE OF ACCEPTANCE (NOA)

Tischler Und Sohn (USA) Ltd.
Six Suburban Avenue
Stamford, Ct. 06901

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: Tischler series Inswing glazed Wood Doors-L.M. Impact

APPROVAL DOCUMENT: Drawing No.1601 REV C, titled “In-Swing Impact Wood Doors”, sheets 1 through 19 of 19, dated 10/08/08 and last revised on May 15, 2018, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren Schaefer, 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. MDF material: Medite Exterior MDF panel EN 622 Type MDF-H2
2. See sheets 10 thru 13 for reinforcements, see glass & partial raised panel options on sheet 17.
3. Lower design pressure shall control when doors mullied w/ Tishler’s transom (under separate approval) see sheet 8.
4. CMU to conform to ASTM-C 90 and min 2000 psi net compressive masonry strength.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Wedel (Schleswig-Holstein), Germany 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 & renews NOA # 17-0803.31 and consists of this page 1 and evidence pages E-1, E-2 and E-3 as well as approval document mentioned above.

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

NOA No. 18-0531.10
Expiration Date: May 27, 2024
Approval Date: July 19, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
1. Manufacturer's parts drawings and sections (submitted under files below)
(Note: The revision consist of updating glass interlayer and angle clip masonry screw)

B. TESTS (submitted under files #14-0303.06/ #11-1101.13 / #09-0212.05)
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 Single & Double Outswing /Inswing, Tilt/Turn Mahogany Wood French doors w/wo Sidelite & Transom, w/ MDF & wood Veneered Panels and different shapes top, prepared by Architectural Testing, Test Report(s) No. ATI 77326.01-109-18, dated 02/03/09 and ATI 77327.01-109-18, dated 02/20/09, both signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS
2. Glazing complies with ASTME-1300-02 &-.04.

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

E. MATERIAL CERTIFICATIONS
2. Notice of Acceptance No. 12-1231.10 issued to Eastman Chemical Co (MA) former Solutia Inc. for “Saflex Clear or colored interlayer”, expiring on 05/21/16.
3. Test report No. ATI-86006.01-106-18 (Rev 2) dated 12/12/08 and ATI-86006.02-106-18 02/05/09 for “Durability of Wood-Based Composite Lumber and panels” per ASTM ASTM D-1761 and ASTM D-4761, issued by Architectural Testing Lab (submitted under 11-1101.13/ #09-0212.05).

F. STATEMENTS

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0531.10
Expiration Date: May 27, 2024
Approval Date: July 19, 2018
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (continue)


3. E-mail statement dated 03/31/09, issued by Michael D. Stremmel, P.E. of Architectural testing in reference to low sill, water infiltration test (submitted under #11-1101.13 / #09-0212.05).

G. OTHER

1. This NOA revises & renews NOA # 11-1101.13, expiring 05/27/14.
2. Test proposal # 07-3533 dated Oct 22, 2007, approved by BCCO.
3. Distribution agreement between Tischler Und Sohn (USA) and Tishler/Cornelius Korn GmbH, Germany, signed by Tim Carpenter & Wilhem Korn, respectively.
4. Tishler’s current Fixed Casement windows NOA(s) w/ Drawing references No. 1514 or 1533.

2. New Evidence submitted

A. DRAWINGS
1. None.

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. 15-1201.11 issued to Eastman Chemical Co (MA) former Solutia Inc. for “Saflex Clear or colored interlayer”, expiring on 05/21/21.

F. STATEMENTS

G. OTHER
1. This NOA revises NOA # 14-0303.06, expiring 05/27/2019.
2. E-mail request dated 10/12/17 for correction of Tischler Und Sohn manufacturing location in Germany, signed by Stefan Precht, VP project management.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0531.10
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2. New Evidence submitted

A. DRAWINGS
1. None.

B. TESTS
1. None

C. CALCULATIONS
1. None

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

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3. New Evidence submitted

A. DRAWINGS

B. TESTS
   1. None

C. CALCULATIONS

D. QUALITY ASSURANCE
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Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0531.10
Expiration Date: May 27, 2024
Approval Date: July 19, 2018
### FRAME ANCHOR REQUIREMENTS TABLE

<table>
<thead>
<tr>
<th>Opening Type (Substrate)</th>
<th>Frame/Sill/Clip/Bracket to Opening Fastener Type</th>
<th>Minimum Embed</th>
<th>Minimum Edge Dist</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 &amp; G0.55)</td>
<td>NO. 8 1/2 X 1&quot; 1/2&quot; SMS/WOOD SCREW OR 1/4&quot; X 1&quot; BIT SCREW</td>
<td>1 1/4&quot;</td>
<td>3/4&quot;</td>
</tr>
<tr>
<td>MIN. 18 GA. 33 KSI METAL STUD</td>
<td>01/4&quot; X 1-1/4&quot; SELF TAP/DRILLING SCREW FULL</td>
<td>1/2&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>MIN. 1/8&quot; THK A36 STEEL</td>
<td>01/4&quot; X 1-1/4&quot; SELF TAP/DRILLING SCREW FULL</td>
<td>1/2&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>MIN. 1/8&quot; THK 6063-T5 ALUM</td>
<td>01/4&quot; X 1-1/4&quot; SELF TAP/DRILLING SCREW FULL</td>
<td>1/2&quot;</td>
<td>1/4&quot;</td>
</tr>
<tr>
<td>C-90 CMU/2500 PSI CONCRETE</td>
<td>01/4&quot; X 1&quot; CONCRETE SCREW</td>
<td>1/4&quot;</td>
<td>1/2&quot;</td>
</tr>
</tbody>
</table>

### INSTALLATION CLIP SCREWS

| MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G0.55) | NO. 12 X 1 1/2" SMS/WOOD SCREW OR 1/4" X 1" BIT SCREW | 1 1/4" | 3/4" |
| MIN. 18 GA. 33 KSI METAL STUD | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |
| MIN. 1/8" THK A36 STEEL | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |
| MIN. 1/8" THK 6063-T5 ALUM | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |
| C-90 CMU/2500 PSI CONCRETE | 01/4" X 1" CONCRETE SCREW | 1/4" | 1/2" |

### BTI BRACKET SCREWS

| MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G0.55) | NO. 8 X 1 1/2" SMS/WOOD SCREW OR 1/4" X 1" BIT SCREW | 1 1/4" | 3/4" |
| MIN. 18 GA. 33 KSI METAL STUD | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |
| MIN. 1/8" THK A36 STEEL | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |
| MIN. 1/8" THK 6063-T5 ALUM | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |

### ANGLE CLIP SCREWS

| MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G0.55) | NO. 8 X 1 1/2" SMS/WOOD SCREW OR 1/4" X 1" BIT SCREW | 1 1/4" | 3/4" |
| MIN. 18 GA. 33 KSI METAL STUD | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |
| MIN. 1/8" THK A36 STEEL | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |
| MIN. 1/8" THK 6063-T5 ALUM | 01/4" X 1-1/4" SELF TAP/DRILLING SCREW FULL | 1/2" | 1/4" |
| C-90 CMU/2500 PSI CONCRETE | 01/4" X 1" CONCRETE SCREW | 1/4" | 1/2" |

### ALLOWABLE DESIGN PRESSURE

- **Single & Double Operable Doors**

<table>
<thead>
<tr>
<th>MAX. FRAME WIDTH (IN.)</th>
<th>MAX. FRAME HEIGHT (IN.)</th>
<th>ALLOWABLE PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>51 1/8</td>
<td>120</td>
<td>0.65 &amp; 0.70</td>
</tr>
<tr>
<td>41 1/4</td>
<td>99</td>
<td>0.65 &amp; 0.70</td>
</tr>
<tr>
<td>79 1/16</td>
<td>120</td>
<td>0.65 &amp; 0.70</td>
</tr>
<tr>
<td>79 1/16</td>
<td>70</td>
<td>0.65 &amp; 0.70</td>
</tr>
</tbody>
</table>

### CORNER CONSTRUCTION

1. **Backframe Corner:** Mortise & tenon construction joined & glued with poplar super 3 wood glue or equivalent.
2. **Backframe Corner:** Arch fast frame butt to straight frame, joined with one (1) NO. 14 X 3" wood screw, and glued with poplar super 3 wood glue or equivalent.
3. **Backframe Corner:** Anchor rail butt to straight frame, joined with one (1) NO. 14 X 3" wood screw, and glued with poplar super 3 wood glue or equivalent.
4. **Backframe Corner:** Three (3) NO. 14 X 3" wood screws, and glued with poplar super 3 wood glue or equivalent.
ALLOWABLE DESIGN PRESSURE
SEE PRESSURE TABLE ON SHEET 1

DUE TO HINGE CONDITION VARIATIONS,
HINGES ARE NOT SHOWN IN ELEVATIONS,
SEE SECTIONS & HINGE TABLES FOR
HINGE REQUIREMENTS.
INTERIOR ELEVATION:
DOUBLE HALF ROUND DOOR
(TURN ONLY CONDITION)
SCALE: 1/2" = 1'-0"

FRAME SCREWS, INSTALLATION CLIPS, BTI BRACKETS OR ANGLE CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (BTI BRACKETS NOT APPLICABLE AT SILL).

INTERIOR ELEVATION:
SINGLE HALF ROUND DOOR
(TURN ONLY CONDITION)
SCALE: 1/2" = 1'-0"

FRAME SCREWS, INSTALLATION CLIPS, BTI BRACKETS OR ANGLE CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (BTI BRACKETS NOT APPLICABLE AT SILL).

ALLOWABLE DESIGN PRESSURE
SEE PRESSURE TABLE ON SHEET 1

ANCHOR NOTE: ANCHOR SPACING AT THE HEAD OF ALL TYPES OF SHAPED DOORS MUST EQUAL THAT SPECIFIED AT THE SIDES (17" MAX. O.C.)

DUE TO HINGE CONDITION VARIATIONS, HINGES ARE NOT SHOWN IN ELEVATIONS, SEE SECTIONS & HINGE TABLES FOR HINGE REQUIREMENTS.

NOTES:
1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED IN THIS DRAWING.
2. ALL SHAPED UNITS MUST BE INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.
FRAME SCREWS, INSTALLATION CLIPS, BTI BRACKETS OR ANGLE CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (BTI BRACKETS NOT APPLICABLE AT SILL).

FRAME SCREWS, INSTALLATION CLIPS, BTI BRACKETS OR ANGLE CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (BTI BRACKETS NOT APPLICABLE AT SILL).

INTERIOR ELEVATION:
DOUBLE HALF ROUND DOOR
(TURN & TILT CONDITION)
SCALE: 1/2" = 1'-0"

INTERIOR ELEVATION:
SINGLE HALF ROUND DOOR
(TURN & TILT CONDITION)
SCALE: 1/2" = 1'-0"
ALLOWABLE DESIGN PRESSURE
(SINGLE FIXED PANELS)

MAX. MAX. ALLOWABLE
FRAME FRAME PRESSURE
WIDTH (IN.) HEIGHT (IN.) POSITIVE (PSF) NEGATIVE (PSF)
51 11/16 120 70 70 70
51 11/16 99 70 70 85

(1) HIGHER PRESSURE OF –85 PSF IS ONLY APPlicable WHEN GLASS OPTIONS 2 & 5 ARE USED.
(2) WITH FULL SIZE FIXED DOORS USING GLASS OPTION 4, ALLOWABLE PRESSURE MUST BE REDUCED TO +/-65 PSF. PRESSURE MAY BE INCREASED TO +/-70 PSF IF THE D/L.O. WIDTH IS DECREASED TO MIN. 38.5" OR THE D/L.O. HEIGHT IS DECREASED TO MAX. 98."
**INTERIOR ELEVATION:**

**DOUBLE DOORS WITH FIXED PANELS**

Scale: 1/2" = 1'-0"

(Rectangular doors shown; shaped doors also apply. See "approximated shaped" table on sheets 4 & 5)

**MULTIPLE UNIT NOTES:**

1. For all detail not shown, see individual unit elevations.
2. There is no limit on the number of doors that may be combined in one direction into one opening providing the opening is designed to support all loads transferred from the doors and their mullions.
3. Oxoid unit is shown. All other fixed/operable combinations also apply with the mullion conditions shown.
4. Individual door/fixed panel sizes shall be restricted as specified in the single unit elevations.
5. Both turn only & tilt & turn conditions apply.
METEING STILE REINFORCEMENT NOTE:

REINFORCEMENT IS REQUIRED WHEN ANY ONE OF THE FOLLOWING DOOR CONDITIONS EXISTS.
1. WHEN FRAME HEIGHT IS OVER 99".
2. WHEN ADA STILL IS USED (ALL APPLICABLE FRAME HEIGHTS).
3. WHEN JOB REQUIRED DESIGN PRESSURE IS OVER +/-70 PSF.

SEE MEETING STILE REINFORCEMENT NOTE BELOW

(USED WITH REINFORCEMENT)  7A
(USED WITHOUT REINFORCEMENT)  7B

SEE MEETING STILE CONDITION WITH ZIEGENIA MULTI-POINT LOCK SYSTEM

SECTION
SCALE: 1/2 FULL  10

FRAME SHEAR SCREW INSTALLATION SHOWN. SEE OPTIONAL DETAILS FOR OTHER INSTALLATION CONDITIONS.

SECTION
SCALE: 1/2 FULL  10

FRAME SHEAR SCREW INSTALLATION SHOWN. SEE OPTIONAL DETAILS FOR OTHER INSTALLATION CONDITIONS.

SECTION
SCALE: 1/2 FULL  10

FRAME SHEAR SCREW INSTALLATION SHOWN. SEE OPTIONAL DETAILS FOR OTHER INSTALLATION CONDITIONS.

SECTION
SCALE: 1/2 FULL  10

FRAME SHEAR SCREW INSTALLATION SHOWN. SEE OPTIONAL DETAILS FOR OTHER INSTALLATION CONDITIONS.

SEE MEETING STILE CONDITION WITH ZIEGENIA MULTI-POINT LOCK SYSTEM
Frame Screw Installation Shown. See Optional Details for Other Installation Conditions.

Section 1
Scale: 1/2 Full

Frame Screw per Elevations

Substrate by Others Per Frame Anchor Requirements Table

3/8" Max. Shim at Each Anchor

Section 2
Scale: 1/2 Full

Sealant by Others

Exterior

See Glazing Details on Sheet 17

Section 3
Scale: 1/2 Full

No. 14 x 3 1/2" Sems Screw within 8" of Corners & 18" Max. O.C.
Mill Jamb as Required for Reinforcement Placement

Glued With Beko Allcon 10 Polyurethane Glue at All 4 Sides

Section 4
Scale: 1/2 Full

Screwed in Hinge Condition Shown. Pot Hinge Condition Also Applies (For Detail Not Shown, See Other Sections)
SILL DETAIL (STANDARD SILL INSTALLED WITH FRAME/SILL SCREW & SUB-SILL)
(OPERABLE DOOR CONDITION SHOWN, FIXED PANEL DOORS ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

SILL DETAIL (STANDARD SILL INSTALLED WITH INSTALLATION CLIP & SUB-SILL)
(OPERABLE DOOR CONDITION SHOWN, FIXED PANEL DOORS ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

SILL DETAIL (STANDARD SILL INSTALLED WITH INSTALLATION CLIP & NO SUB-SILL)
(OPERABLE DOOR CONDITION SHOWN, FIXED PANEL DOORS ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

SILL DETAIL (STANDARD SILL INSTALLED WITH ANGLE CLIP)
(OPERABLE DOOR CONDITION SHOWN, FIXED PANEL DOORS ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
ADA SILL DETAIL (ADA SILL INSTALLED WITH FRAME/SILL SCREW)
(OPERABLE DOOR CONDITION SHOWN, FIXED PANEL DOORS ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

NOTE: THIS ADA SILL WAS NOT TESTED FOR WATER INFILTRATION RESISTANCE & THEREFORE IS ACCEPTABLE ONLY WHEN INSTALLED IN NONHABITABLE AREAS WHERE THE DOOR ASSEMBLY & AREA ARE DESIGNATED TO ACCEPT WATER INFILTRATION OR IF INSTALLED BELOW AN OVERHANG WHERE THE OVERHANG (OH) RATIO IS EQUAL TO OR MORE THAN 1 (OH RATIO = OH LENGTH/OH HEIGHT).
NON-L.G. GLAZING DETAIL
CLASS OPTIONS 1, 2 & 3

CLASS OPTION 1: 9/16" LAMINATED GLASS (1/4"
AN/0.09" EASTMAN CHEM. CO. SAFLEX/1/4" AN)
CLASS OPTION 2: 9/16" LAMINATED GLASS (1/4"
H.S./0.075" EASTMAN CHEM. CO. SAFLEX CP/1/4" H.S.)
CLASS OPTION 3: 9/16" LAMINATED GLASS (1/4"
AN/0.075" EASTMAN CHEM. CO. SAFLEX CP/1/4" AN)

1/8" MIN. WOOD VENEER
3/8" MIN. PLYWOOD CORE
SILOXIC CAP BEAD
(NON-STRUCTURAL)

MDF PANEL GLAZING DETAIL

CLASS OPTION 4: 1 3/16" LAMINATED I.G. (3/16" AN/0.09"
EASTMAN CHEM. CO. SAFLEX/3/16" AN/1/2" AIR SPACE/1/4 TEMP.)
CLASS OPTION 5: 1 3/16" LAMINATED I.G. (3/16" H.S./0.075" EASTMAN
CHEM. CO. SAFLEX CP/3/16" H.S./1/2" AIR SPACE/1/4 TEMP.)

1/8" MIN. PLYWOOD CORE
3/8" MIN. PLYWOOD CORE
SILOXIC CAP BEAD
(NON-STRUCTURAL)

WOOD VENEER PANEL GLAZING DETAIL

HEAD/JAMB
TOP RAIL
STILE
ACTIVE MEETING STILE (USED
WITH REINFORCEMENT)
STANDARD BOTTOM RAIL
BOTTOM RAIL (USED
WITH ADA THRESHOLD)
<table>
<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>PARTS</th>
<th>MANUFACTURER/NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HEAD/JAMB</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>TOP RAIL</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>STANDARD BOTTOM RAIL</td>
<td>MAHOGANY</td>
<td></td>
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<tr>
<td>4</td>
<td>BOTTOM RAIL (USED WITH ADA THRESHOLD)</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>STYLE</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>6A</td>
<td>ACTIVE MEETING STILE (USED WITH REINFORCEMENT)</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>6B</td>
<td>ACTIVE MEETING STILE (USED WITHOUT REINFORCEMENT)</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>7A</td>
<td>INACTIVE MEETING STILE (USED WITH SIEGENIA LOCK SYSTEM &amp; REINFORCEMENT)</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>7B</td>
<td>INACTIVE MEETING STILE (USED WITH SIEGENIA LOCK SYSTEM &amp; WITHOUT REINFORCEMENT)</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>8A</td>
<td>INACTIVE MEETING STILE (USED WITH KVF LOCK SYSTEM &amp; REINFORCEMENT)</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>8B</td>
<td>INACTIVE MEETING STILE (USED WITH KVF LOCK SYSTEM &amp; WITHOUT REINFORCEMENT)</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>FIXED ASTRAGAL</td>
<td>MAHOGANY</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>MID-RAIL</td>
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<td>11</td>
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<td>BOTTOM RAIL Drip EDGE</td>
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<tr>
<td>13</td>
<td>MULLION BAR COVER</td>
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<td>14</td>
<td>ASTRAGAL</td>
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<td>MULLION BAR COVER</td>
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<td>16</td>
<td>NON-LG., MDF &amp; WOOD VEENER GLAZING BEAD</td>
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<tr>
<td>17</td>
<td>LG. GLAZING BEAD</td>
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<td>18</td>
<td>SPACER BLOCK</td>
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<tr>
<td>19</td>
<td>SPACER BLOCK (USED WITH KVF MULTI-POINT LOCK SYSTEM)</td>
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<td>SPACER BLOCK</td>
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<td>SPACER BLOCK (USED WITH KVF MULTI-POINT LOCK SYSTEM)</td>
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<tr>
<td>22</td>
<td>SUB-SILL</td>
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<td>23</td>
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<td>24</td>
<td>ADA SUB-SILL</td>
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<td>25</td>
<td>STANDARD SILL</td>
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<td>26</td>
<td>OPTIONAL ADA SILL</td>
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<td>27</td>
<td>CONTINUOUS SILL STRIKE/COVER</td>
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<td>28</td>
<td>MEETING STILE REINFORCEMENT</td>
<td>34 KSI STAINLESS STEEL OR A36 STEEL</td>
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<td>29</td>
<td>VERTICAL FIXED ASTRAGAL REINFORCEMENT</td>
<td>34 KSI STAINLESS STEEL OR A36 STEEL</td>
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<td>30</td>
<td>VERTICAL MULLION REINFORCEMENT</td>
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<td>31</td>
<td>TRANSOM MULLION REINFORCEMENT</td>
<td>34 KSI STAINLESS STEEL OR A36 STEEL</td>
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<td>32</td>
<td>INSTALLATION CLIP</td>
<td>GALVANIZED 54 KSI STEEL</td>
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<tr>
<td>33</td>
<td>ANGLE CLIP</td>
<td>6061-16 ALUMINUM</td>
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<tr>
<td>34</td>
<td>BRACKET</td>
<td>GALVANIZED 54 KSI STEEL</td>
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<tr>
<td>35</td>
<td>LG. SPACE</td>
<td>ALUMINUM</td>
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<tr>
<td>36</td>
<td>POT HINGE</td>
<td>BY: SIEGENIA AUBR KB TYPE: SI</td>
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<tr>
<td>37</td>
<td>MULTI-POINT LOCK SYSTEM</td>
<td>BY: KVF STRAIGHT SHOOT</td>
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<tr>
<td>38</td>
<td>MULTI-POINT LOCK SYSTEM</td>
<td>BY: SIEGENIA AUBR KB TYPE: MUSHROOM</td>
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<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>MANUFACTURER/NOTES</th>
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<tbody>
<tr>
<td>41</td>
<td>HANDLE</td>
<td>AS REQUIRED TO OPERATE LOCK SYSTEM</td>
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<tr>
<td>45</td>
<td>WEATHERSTRIP</td>
<td>THERMOPLASTIC ELASTOMER; BY: DEVENTER</td>
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<tr>
<td>46</td>
<td>WEATHERSTRIP</td>
<td>THERMOPLASTIC ELASTOMER; BY: DEVENTER</td>
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<tr>
<td>47</td>
<td>WEATHERSTRIP</td>
<td>THERMOPLASTIC ELASTOMER; BY: DEVENTER</td>
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<tr>
<td>48</td>
<td>WEATHERSTRIP</td>
<td>THERMOPLASTIC ELASTOMER; BY: DEVENTER</td>
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<tr>
<td>49</td>
<td>WEATHERSTRIP</td>
<td>THERMOPLASTIC ELASTOMER; BY: WEGNER</td>
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<tr>
<td>52</td>
<td>0.06&quot; x 1.26&quot; S.S. CURVED NAIL</td>
<td>4&quot; FROM CORNERS &amp; 12&quot; MAX. O.C.</td>
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<tr>
<td>53</td>
<td>0.15&quot; x 1.57&quot; WOOD SCREW</td>
<td>3 PER HINGE INTO STILE</td>
</tr>
<tr>
<td>54</td>
<td>0.18&quot; x 1.57&quot; WOOD SCREW</td>
<td>4 PER HINGE INTO JAMB</td>
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<tr>
<td>55</td>
<td>0.30&quot; x 3.94&quot; BAUCET WOOD SCREW</td>
<td>WITHIN 8&quot; OF ENDS &amp; 16&quot; MAX. O.C.</td>
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<tr>
<td>57</td>
<td>0.24&quot; x 3.74&quot; WOOD SCREW</td>
<td>WITHIN 8&quot; OF ENDS &amp; 16&quot; MAX. O.C.</td>
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<tr>
<td>58</td>
<td>0.15&quot; x 2&quot; WOOD SCREW</td>
<td>WITHIN 6&quot; OF ENDS &amp; 13 3/4&quot; MAX. O.C.</td>
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<tr>
<td>59</td>
<td>0.136&quot; X 1.26&quot; SELF TAPPING SCREW</td>
<td>WITHIN 4&quot; OF ENDS &amp; 13 3/4&quot; MAX. O.C.</td>
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<tr>
<td>60</td>
<td>0.136&quot; X 1.50&quot; SELF TAPPING SCREW</td>
<td>WITHIN 4&quot; OF ENDS &amp; 13 3/4&quot; MAX. O.C.</td>
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<tr>
<td>61</td>
<td>0.11&quot; X 0.87&quot; SELF TAPPING SCREW</td>
<td>WITHIN 4&quot; OF ENDS &amp; 13 3/4&quot; MAX. O.C.</td>
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</table>

**NOTE:** WOOD USED IN TESTING WAS SIPO MAHOGANY WITH A SPECIFIC GRAVITY OF G = 0.62 AND A MODULUS OF ELASTICITY OF E = 1,600,000,000 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.62 AND MODULUS OF ELASTICITY OF 1,600,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY TISCHLER & UD SUN TO SELECT.

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**INSTALLATION CLIP**

**ANGLE CLIP**

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**WALL THICKNESS = 0.016**

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