DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
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 Wood Doors-L.M. Impact

APPROVAL DOCUMENT: Drawing No.1617 REV C, titled “In-Swing Impact Wood Panel 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 panel glazing options on sheet 17.
3. Lower design pressure shall control when doors mulled w/ Tischler’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 # 17-0803.32 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 I. Chanda, P.E.

NOA No. 18-0531.11  
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 consists of updating angle clip masonry screws)

   **B. TESTS (submitted under files #19-0073.07/#11-1101.14/#09-0212.06)**
   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 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 02/202/09, both signed and sealed by Michael D. Stremmel, P.E.

   **C. CALCULATIONS**

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

   **E. MATERIAL CERTIFICATIONS**
   1. 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 D-1761 and ASTM D-4761, issued by Architectural Testing Lab (submitted under **11-1101.14/#09-0212.06**).

   **F. STATEMENTS**
   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 **11-1101.14/#09-0212.06**)

   

   Ishaq I. Chanda, P.E.
   Product Control Examiner
   NOA No. 18-0531.11
   Expiration Date: May 27, 2024
   Approval Date: July 19, 2018
G. OTHER
1. This NOA revises & renews NOA # 11-1101.14, expiring 05/27/14.
2. Test proposal # 07-3533 dated Oct 22, 2007, approved by BCCO.
3. Distribution agreement between Tishler 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. None.

F. STATEMENTS

G. OTHER
1. This NOA revises NOA # 14-0303.07, expiring 05/27/2019.
2. E-mail request dated 10/12/17 for correction of Tishler Und Sohn manufacturing location in Germany, signed by Stefan Precht, VP project management.

3. New Evidence submitted

A. DRAWINGS

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0531.11
Expiration Date: May 27, 2024
Approval Date: July 19, 2018
Tischler Und Sohn (USA) Ltd.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New Evidence submitted (continue):

B. TESTS
1. None

C. CALCULATIONS

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

E. MATERIAL CERTIFICATIONS
1. None

F. STATEMENTS

G. OTHER
1. This NOA revises & renews NOA # 17-0803.32, expiring 05/27/2024.
2. Distribution agreement between Tishler Und Sohn (USA) and Tishler/Cornelius Korn GmbH, Germany, signed by Tim Carpenter & Wilhem Korn, respectively.
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Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0531.11
Expiration Date: May 27, 2024
Approval Date: July 19, 2018

E - 3
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 RECTANGULAR DOOR
(TURN & TILT CONDITION)
SCALE: 1/2" = 1'-0"

INTERIOR ELEVATION:
SINGLE RECTANGULAR DOOR
(TURN & TILT CONDITION)
SCALE: 1/2" = 1'-0"

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

SEE "CORNER-CONSTRUCTION" DESCRIPTION ON THIS SHEET

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).

MID-RAIL MAY BE USED WITH ANY ELEVATION & MAY BE POSITIONED HORIZONTALLY OR VERTICALLY ANYWHERE WITHIN THE PANEL. PROVIDING ITS SPAN DOES NOT EXCEED 40 3/4" AS SHOWN (MAY USE MULTIPLE MID-RAILS PARALLEL TO ONE ANOTHER IN ONE DOOR PANEL).
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 ONLY CONDITION)
SCALE: 1/2" = 1'-0"

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

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.

Anchor Note: Anchor spacing at the head of all types of shaped doors must equal that specified at the sides (17" max. O.C.)

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 fit as shown 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
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.)
**Fixed Astragal Allowable Design Pressure**

<table>
<thead>
<tr>
<th>Maximum Astragal Span (In.)</th>
<th>Maximum Load Width (In.)</th>
<th>Allowable Pressure (Psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>51.4 51.4 70.0 70.0 70.0 70.0</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>53.5 53.5 70.0 70.0 70.0</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>58.4 58.4 70.0 70.0 70.0</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>64.2 64.2 70.0 70.0 70.0</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
<td></td>
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<tr>
<td>32</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
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<td>28</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
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<tr>
<td>25</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
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<tr>
<td>20</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
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<tr>
<td>18</td>
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<tr>
<td>16</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
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<tr>
<td>14</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
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</tr>
<tr>
<td>12</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
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</tr>
<tr>
<td>10</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>70.0 70.0 70.0 70.0 70.0</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
1. Load width is the distance between panel centers.
2. Allowable unit pressure shall be the lesser of the pressures shown in this table & those specified for the individual fixed panel.
3. Load values in table are +/- 1/4".

**Approved Shapes (Fixed Panels):**

- Notes:
  1. Other shapes may apply in addition to those shown & have corner construction as described in this drawing.
  2. All shapes must be inscribed into the allowable rectangular units & be governed by the allowable pressure of the respective rectangular unit.
  3. The shapes shown apply to single fixed panels & the panels on other side of a fixed astragal.

**Anchor Note:** Anchor spacing at the head of all types of shaped panel doors must equal that specified at the sides (17" max. O.C.)
**MULLION ALLOWABLE DESIGN PRESSURE**

<table>
<thead>
<tr>
<th>Maximum Mullion Span (in.)</th>
<th>Maximum Load Width (in.)</th>
<th>Allowable Pressure (psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>52</td>
<td>53.8</td>
<td>53.8</td>
</tr>
<tr>
<td>48</td>
<td>58.3</td>
<td>58.3</td>
</tr>
<tr>
<td>44</td>
<td>63.6</td>
<td>63.6</td>
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<td>40</td>
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<td>70.0</td>
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<tr>
<td>36</td>
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<td>70.0</td>
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<tr>
<td>32</td>
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<td>70.0</td>
</tr>
<tr>
<td>52</td>
<td>59.8</td>
<td>59.8</td>
</tr>
<tr>
<td>48</td>
<td>64.8</td>
<td>64.8</td>
</tr>
<tr>
<td>44</td>
<td>70.0</td>
<td>70.0</td>
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<tr>
<td>40</td>
<td>70.0</td>
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<td>70.0</td>
<td>81.5</td>
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<tr>
<td>46</td>
<td>70.0</td>
<td>85.0</td>
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<tr>
<td>52</td>
<td>70.0</td>
<td>85.0</td>
</tr>
<tr>
<td>48</td>
<td>70.0</td>
<td>84.0</td>
</tr>
<tr>
<td>44</td>
<td>70.0</td>
<td>85.0</td>
</tr>
<tr>
<td>84</td>
<td>70.0</td>
<td>85.0</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Load width is the distance between panel centerlines.
2. Allowable unit pressure shall be the lesser of the pressures shown in this table and those specified for the individual door/fixed panel.
3. Size values in table are +/-1/4".

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**INTERIOR ELEVATION:**
**DOUBLE DOORS WITH FIXED PANELS**

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

(Rectangular doors shown, shaped doors also apply. See "Approved 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 & their mullions.
3. Ocodile unit is shown. All other fixed/orbable 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.
INTERIOR ELEVATION: DOUBLE DOORS WITH TRANSOM

SCALE: 1/2" = 1'-0"
(SEE DOUBLE RECTANGULAR DOOR ELEVATIONS ON SHEETS 2 & 3 FOR DOOR DETAIL NOT SHOWN)

<table>
<thead>
<tr>
<th>ALLOWABLE DESIGN PRESSURE</th>
<th>(DOUBLE DOOR TRANSOM UNIT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX. FRAME WIDTH (IN.)</td>
<td>MAX. OVERALL UNIT HEIGHT (IN.)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>79 1/16</td>
<td>168</td>
</tr>
<tr>
<td>79 1/16</td>
<td>138</td>
</tr>
</tbody>
</table>

(1) LESSER OF THE PRESSURES IN THIS TABLE & THOSE FOR THE INDIVIDUAL DOORS SHALL CONTROL.

INTERIOR ELEVATION: SINGLE DOOR WITH TRANSOM

SCALE: 1/2" = 1'-0"
(SEE SINGLE RECTANGULAR DOOR ELEVATIONS ON SHEETS 2 & 3 FOR DOOR DETAIL NOT SHOWN)

<table>
<thead>
<tr>
<th>ALLOWABLE DESIGN PRESSURE</th>
<th>(SINGLE DOOR TRANSOM UNIT)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX. FRAME WIDTH (IN.)</td>
<td>MAX. OVERALL UNIT HEIGHT (IN.)</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>51 11/16</td>
<td>168</td>
</tr>
<tr>
<td>41 1/4</td>
<td>168</td>
</tr>
</tbody>
</table>

(1) LESSER OF THE PRESSURES IN THIS TABLE & THOSE FOR THE INDIVIDUAL DOORS SHALL CONTROL.
**MEETING 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 SILL IS USED (ALL APPLICABLE FRAME HEIGHTS).
3. WHEN JOB REQUIRED DESIGN PRESSURE IS OVER +/-70 PSF.

**SECTION**

SCALE: 1/2 FULL

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

**SECTION**

SCALE: 1/2 FULL

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

**SECTION**

SCALE: 1/2 FULL

MEETING STILE CONDITION WITH KEF MULTI-POINT LOCK SYSTEM

FOR DETAIL NOT SHOWN, SEE SECTION C1/10
NO. 14 X 3 1/2" SMS SCREW WITHIN 8" OF CORNERS & 18" MAX. O.C.

GLUED WITH BEKO ALCON 10 POLYURETHANE GLUE AT ALL 4 SIDES

MILL JAMB AS REQUIRED FOR REINFORCEMENT PLACEMENT

SECTION

SCALE: 1/2 FULL

SCREWED IN HINGE CONDITION SHOWN, POT HINGE CONDITION ALSO APPLIES
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

DOW 794N

NO. 14 X 3 1/2" SMS SCREW WITHIN 8" OF CORNERS & 18" MAX. O.C.

GLUED WITH BEKO ALCON 10 POLYURETHANE GLUE AT ALL 4 SIDES

MILL JAMB AS REQUIRED FOR REINFORCEMENT PLACEMENT

SECTION

SCALE: 1/2 FULL

DOW 794N

NO. 14 X 3 1/2" SMS SCREW WITHIN 8" OF CORNERS & 18" MAX. O.C.

GLUED WITH BEKO ALCON 10 POLYURETHANE GLUE AT ALL 4 SIDES

MILL JAMB AS REQUIRED FOR REINFORCEMENT PLACEMENT

SECTION

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)

FRAME/SILL SCREW
PER ELEVATION

3/8" MAX.
SHIM OR GROUT

SEALANT BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"

FINISH FLOOR BY
OTHERS

SUBSTRATE BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"

NO. 6 X 1 1/4" WOOD
SCREW (1 PER CLIP)

ADA SILL DETAIL (ADA SILL INSTALLED WITH INSTALLATION CLIP)
(Operable door condition shown, fixed panel doors are installed the same)
(For detail not shown, see other sections)

INSTALLATION CLIP
SCREWS PER "FRAME
ANCHOR REQUIREMENTS
TABLE" ON SHEET 1 (1
PER CLIP)

3/8" MAX.
SHIM OR GROUT

SEALANT BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"

FINISH FLOOR BY
OTHERS

SUBSTRATE BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"

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).

ADA SILL DETAIL (ADA SILL INSTALLED WITH ANGLE CLIP)
(Operable door condition shown, fixed panel doors are installed the same)
(For detail not shown, see other sections)

NO. 8 X 3/4" SELF TAPPING
SCREW (2 PER CLIP)

ANGLE CLIP SCREWS PER ELEVATIONS

3/8" MAX.
SHIM OR GROUT

SEALANT BY OTHERS

FINISH FLOOR BY
OTHERS

ANGLE CLIP SCREWS PER
"FRAME ANCHOR
REQUIREMENTS TABLE" ON
SHEET 1 (2 PER CLIP)

SUBSTRATE BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"
1/3" MIN. MDF PANEL

TWO(2) LAYERS OF MDF JOINED WITH PONAL SUPER 3 WOOD GLUE OR EQUIVALENT

DOW 895

1/2" MIN. BITE

MDF PANEL GLAZING DETAIL

1/3" MIN. WOOD PANEL

1 1/8" MIN. PLYWOOD CORE

1/8" MIN. WOOD VENEER

1/8" MIN. WOOD VENEER

3/8" MIN. PLYWOOD CORE

TWO(2) LAYERS OF WOOD VENEER JOINED TO PLYWOOD CORE WITH PONAL SUPER 3 WOOD GLUE OR EQUIVALENT

DOW 895

1/2" MIN. BITE

WOOD VENEER PANEL GLAZING DETAIL

1.496 (MIN.)

2.756 (MIN.)

3.937 (MIN.)

2.835 (MIN.)

2.835 (MIN.)

2.835 (MIN.)

2.835 (MIN.)

2.835 (MIN.)

3.937 (MIN.)

3.937 (MIN.)

3.937 (MIN.)

4.329 (MIN.)

2.598 (MIN.)

2.835 (MIN.)

1.149 (MIN.)

1.149 (MIN.)

1.149 (MIN.)

1.149 (MIN.)

1.149 (MIN.)

1.149 (MIN.)

1.149 (MIN.)

HEAD/JAMB

TOP RAIL

STANDARD BOTTOM RAIL

BOTTOM RAIL (USED WITH ADA THRESHOLD)

STILE

ACTIVE MEETING STILE (USED WITH REINFORCEMENT)

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 17-04811
Expiration Date 07/14/19
<table>
<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>MANUFACTURER/NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HEAD/JAMB</td>
<td>MAHOGANY</td>
</tr>
<tr>
<td>2</td>
<td>TOP RAIL</td>
<td>MAHOGANY</td>
</tr>
<tr>
<td>3</td>
<td>STANDARD BOTTOM RAIL</td>
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</tr>
<tr>
<td>4</td>
<td>BOTTOM RAIL (USED WITH ADA THRESHOLD)</td>
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<tr>
<td>5</td>
<td>STILE</td>
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<tr>
<td>6A</td>
<td>ACTIVE MEETING STILE (USED WITH REINFORCEMENT)</td>
<td>MAHOGANY</td>
</tr>
<tr>
<td>6B</td>
<td>ACTIVE MEETING STILE (USED WITHOUT REINFORCEMENT)</td>
<td>MAHOGANY</td>
</tr>
<tr>
<td>7A</td>
<td>INACTIVE MEETING STILE (USED WITH SIENNA LOCK SYSTEM &amp; REINFORCEMENT)</td>
<td>MAHOGANY</td>
</tr>
<tr>
<td>7B</td>
<td>INACTIVE MEETING STILE (USED WITH SIENNA LOCK SYSTEM &amp; WITHOUT REINFORCEMENT)</td>
<td>MAHOGANY</td>
</tr>
<tr>
<td>8A</td>
<td>INACTIVE MEETING STILE (USED WITH KVF LOCK SYSTEM &amp; REINFORCEMENT)</td>
<td>MAHOGANY</td>
</tr>
<tr>
<td>8B</td>
<td>INACTIVE MEETING STILE (USED WITH KVF LOCK SYSTEM &amp; WITHOUT REINFORCEMENT)</td>
<td>MAHOGANY</td>
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<tr>
<td>9</td>
<td>FIXED ASTRAGAL</td>
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<tr>
<td>10</td>
<td>MO-RAIL</td>
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<tr>
<td>11</td>
<td>ONE-PIECE MULLION</td>
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<tr>
<td>12</td>
<td>BOTTOM RAIL DRIP EDGE</td>
<td>MAHOGANY</td>
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<tr>
<td>13</td>
<td>MULLION BAR COVER</td>
<td>MAHOGANY</td>
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<tr>
<td>14</td>
<td>ASTRAGAL</td>
<td>MAHOGANY</td>
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<tr>
<td>15</td>
<td>MULLION BAR COVER</td>
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<tr>
<td>16</td>
<td>GLAZING BEAD</td>
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<tr>
<td>19</td>
<td>SPACER BLOCK</td>
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<td>20</td>
<td>SPACER BLOCK</td>
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<tr>
<td>21</td>
<td>SPACER BLOCK (USED WITH KVF MULTI-POINT LOCK SYSTEM)</td>
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<tr>
<td>22</td>
<td>SUB-SILL</td>
<td>MAHOGANY</td>
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<tr>
<td>23</td>
<td>SUB-SILL</td>
<td>MAHOGANY</td>
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<tr>
<td>24</td>
<td>ADA SUB-SILL</td>
<td>MAHOGANY</td>
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<tr>
<td>25</td>
<td>STANDARD SILL</td>
<td>BRONZE</td>
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<tr>
<td>26</td>
<td>OPTIONAL ADA SILL</td>
<td>BRONZE</td>
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<tr>
<td>27</td>
<td>CONTINUOUS SILL STRIKE/COVER</td>
<td>BRONZE</td>
</tr>
<tr>
<td>28</td>
<td>MEETING STILE REINFORCEMENT</td>
<td>34 KSI STAINLESS STEEL OR A36 STEEL</td>
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<tr>
<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>
<td>34 KSI STAINLESS STEEL OR A36 STEEL</td>
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<td>31</td>
<td>TRANSOM MULLION REINFORCEMENT</td>
<td>34 KSI STAINLESS STEEL OR A36 STEEL</td>
</tr>
<tr>
<td>32</td>
<td>INSTALLATION CLIP</td>
<td>GALVANIZED 54 KSI STEEL</td>
</tr>
<tr>
<td>33</td>
<td>ANGLE CLIP</td>
<td>6061-T6 ALUMINUM</td>
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<tr>
<td>34</td>
<td>BTI BRACKET</td>
<td>GALVANIZED 54 KSI STEEL</td>
</tr>
<tr>
<td>37</td>
<td>SCREWED IN HINGE</td>
<td>74mm X 16mm GENATEC GMBH; FE 74WF</td>
</tr>
<tr>
<td>38</td>
<td>POT HINGE</td>
<td>BY: SIENNA AUBJ KG TYPE: SI</td>
</tr>
<tr>
<td>39</td>
<td>MULTI-POINT LOCK SYSTEM</td>
<td>BY: KVF STRAIGHT SHOT</td>
</tr>
<tr>
<td>40</td>
<td>MULTI-POINT LOCK SYSTEM</td>
<td>BY: SIENNA AUBJ KG TYPE: MUSHROOM</td>
</tr>
<tr>
<td>41</td>
<td>HANDLE</td>
<td>AS REQUIRED TO OPERATE LOCK SYSTEM</td>
</tr>
</tbody>
</table>

**SEALS & SEALANTS**

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>MANUFACTURER/NOTES</th>
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</thead>
<tbody>
<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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<td>47</td>
<td>WEATHERSTRIP</td>
<td>THERMOPLASTIC ELASTOMER; BY: DEVENTER</td>
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<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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**FASTENERS**

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<thead>
<tr>
<th>ITEM #</th>
<th>ITEM DESCRIPTION</th>
<th>MANUFACTURER/NOTES</th>
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<tbody>
<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>
</tr>
<tr>
<td>53</td>
<td>0.18&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>
</tr>
<tr>
<td>55</td>
<td>0.30&quot; X 3.94&quot; BAUCED WOOD SCREW</td>
<td>WITHIN 8&quot; OF ENDS &amp; 16&quot; MAX. O.C.</td>
</tr>
<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>
</tr>
<tr>
<td>58</td>
<td>0.18&quot; X 2&quot; WOOD SCREW</td>
<td>WITHIN 6&quot; OF ENDS &amp; 17&quot; MAX. O.C.</td>
</tr>
<tr>
<td>59</td>
<td>0.136&quot; X 1.55&quot; SELF TAPPING SCREW</td>
<td>WITHIN 4&quot; OF ENDS &amp; 13 3/4&quot; MAX. O.C.</td>
</tr>
<tr>
<td>60</td>
<td>0.136&quot; X 1.55&quot; SELF TAPPING SCREW</td>
<td>WITHIN 4&quot; OF ENDS &amp; 13 3/4&quot; MAX. O.C.</td>
</tr>
<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>
</tr>
</tbody>
</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 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 and Sohn to select.