NOTICE OF ACCEPTANCE (NOA)

Middko, LLC
6700 N. W. 77 CT. STE 100
Miami, Fl. 33166

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 “Inter 120” Aluminum Sliding Glass Door w/ Reinforcements-L.M.I.

APPROVAL DOCUMENT: Drawing No. 17-258 (Former 10-043), titled “Series INTER 120 Aluminum Sliding glass Door”, sheets 1 thru 16, 16A, 17 through 31 of 31, prepared by Tilteco Inc, dated 06/05/18, signed and sealed by Walter A. Tillit Jr., 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 Resistant

Limitations:
1. See Design Pressures (DP) rating Vs sizes, tracks, configurations and anchor layout in sheets 6 through 12. See anchor spacing schedule in sheet 30.
2. See Steel lock reinforcements at OXXO in sheet 28.
3. 1X buck when used as spacer, to be properly secured to transfer imposed load.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Yucatan, Mexico 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# 11-0823.07 (Interalum S.A. de C.V.) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

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

NOA No. 18-0117.02
Expiration Date: December 13, 2023
Approval Date: December 13, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

   A. DRAWINGS
   1. Manufacturer’s parts and sections drawings.
   2. Drawing No. 10-043, titled “Series INTER 120 Aluminum Sliding glass Door”, sheets 1 thru 16, 16A, 17 through 30 of 30, prepared by Tilteco Inc, dated 10/07/11, signed and sealed by Walter A. Tillit Jr., P.E.

   B. TESTS (submitted under file # 11-0823.07)
   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 marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by American Testing Lab of South Florida, Test Report No. ATLSF-1102.01.09, dated 05/18/10, signed and sealed by Edmund Largaespada, P.E.
   (Note: This test reports have addendum letters dated 10/07/2011, issued by American Testing Lab of South Florida, reviewed, signed & sealed by Julio E. Gonzales, P.E.)

   C. CALCULATIONS
   1. Anchor verification calculations and structural analysis dated 05/06/10, complying with FBC 2007, prepared, signed and sealed by Walter A. Tillit Jr., P.E.
   2. Glazing complies w/ ASTME-1300-02 & -04

   D. QUALITY ASSURANCE
   1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

   E. MATERIAL CERTIFICATIONS
   1. Notice of Acceptance No. 07-1116.04 issued to E.I. DuPont DeNemours & Co., Inc. for their “DuPont Sentry Glass ® Plus”, expiring on 01/14/12.

   F. STATEMENTS
   1. Statement letter of compliance to FBC-2007 and “No financial interest, both dated 08-10-2011, signed by Walter A. Tillit Jr., P.E.
   2. Statement of lab compliance, as part of above test report.
   3. Distributor agreement dated 06/02/2011 between Interlam, Mexico and All Windows and Cabinet Corp., Signed by Miguel M. Medina and Raul Alba, respectively

   G. OTHER
   1. None.

   Ishaq I. Chanda, P.E.
   Product Control Examiner
   NOA No. 18-0117.02
   Expiration Date: December 13, 2023
   Approval Date: December 13, 2018
Middko, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New Evidence submitted

A. DRAWINGS
1. Drawing No. 17-258 (Former 10-043), titled “Series INTER 120 Aluminum Sliding glass Door”, sheets 1 thru 16, 16A, 17 through 31 of 31, prepared by Tilteco Inc, dated 06/05/18, signed and sealed by Walter A. Tillit Jr., P.E.
Note: This revision consist of name change with sales of assets.

B. TESTS
1. None

C. CALCULATIONS
1. Anchor verification calculations and structural analysis dated 12/12/17, complying with FBC 2017 (6th Edition), prepared, signed and sealed by Walter A. Tillit Jr., P.E.
2. Glazing complies w/ ASTME-1300-02, -04 & -09.

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 DeNemours & Co., Inc. for the “Sentry Glass ® (Clear and White) Glass Interlayers”, expiring on 07/04/23.

F. STATEMENTS
2. Distributor agreement dated 12/19/2017 between Middko, LLC, Miami and AluCorp S.A. de C.V., Mexico, Signed by Alan J. Courey (president) and Miguel M. Medina (President) on behalf of their respective companies.
3. Statement letter dated OCT 19, 2018 issued by InterAlum stating that InterAlum SA DE CV has sold assets of NOA #11-0823.06 to AluCorp, SA DE CV, stated to rescind the NOA and that they are not manufacturing product under this NOA and has sold all rights, knowhow and equipment to Alucorp, SA DE CV, signed by Miguel A. Medina, legal representative.
4. Statement letter dated OCT 19, 2018 issued by AluC tcp, SA DE CV, stating that they have bought the rights, knowhow and equipment used for NOA # 11-0823.06 and request new NOA to be issued to Alucorp, signed by Miguel M. Medina, legal representative.

G. OTHER
1. This NOA revises NOA # 11-0823.07, expiring 11/22/23.
2. Florida Division of corporation, listing of Middko, LLC as active status since 03/2006.
3. Distribution agreement declaration copies.

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Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0117.02
Expiration Date: December 13, 2023
Approval Date: December 13, 2018

E - 2
GENERAL NOTES:

1. SERIES INTER 120, ALUMINUM SLIDING GLASS DOOR LARGE MISSILE IMPACT RESISTANT, SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2017 (6th EDITION) OF THE FLORIDA BUILDING CODE. THESE DOORS MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (MIAMI-DADE / BROWARD COUNTIES).

2. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE, USING ASCE 7-10 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW.

3. IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-10 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 2 BELOW.

4. IN ORDER TO VERIFY THAT ANCHORS ON THIS P.A.D., AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. A DURATION FACTOR CD=1.60 WAS USED TO VERIFY FASTENERS IN WOOD. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH N.D.S. 2015.

5. THESE DOORS HAVE BEEN VERIFIED FOR IMPACT AND WIND RESISTANCE IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203, PER AMERICAN TESTING LAB REPORT # 1016.01.09 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERMITTED AS PER SECTION 1616 OF THE FLORIDA BUILDING CODE.

2. MAXIMUM A.S.D. DESIGN PRESSURE RATINGS FOR THESE DOORS SHALL BE AS SHOWN ON SHEETS 8 THRU 12.

3. THESE SLIDING GLASS DOORS WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

4. THESE SLIDING GLASS DOORS IS APPROVED FOR AIR AND WATER INTEGRATION (12.0 psf).

5. THESE PRODUCTS SHALL COMPLY WITH SECTION 2406 OF THE FLORIDA BUILDING CODE.

6. ALL ALUMINUM EXTRUSIONS SHALL BE ALUMINUM ASSOCIATION ALLOY AND TEMPER AS INDICATED ON SHEET 5. THE THICKNESS OF ALL EXTRUSIONS SHALL BE AS SHOWN ON SHEETS 2, 3 & 4 OF THIS DRAWING.

7. ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER D9 50018 AND SECTION 2411.3.3.4 OF THE FLORIDA BUILDING CODE WITH 50 KSI YIELD STRENGTH AND 90 KSI TENSILE STRENGTH.

8. WOOD BUCKS NOT BY ALUCORP S.A. DE C.V. WOOD BUCKS MUST BE SOUTHERN PINE, G=0.55, AND SHALL COMPLY WITH SECTIONS 2411.3.3.3 AND 2326 OF THE FLORIDA BUILDING CODE. MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

9. ANCHOR NOTES: EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.

(A) TO EXISTING POURED CONCRETE: MIN. EDGE DISTANCE = 1”
- 1/4” ULTRACON W/ 3/4” MIN. EMBEDMENT, AS MANUFACTURED BY ELCO CONSTRUCTION PRODUCTS, INC (COMPONENT 69), THRU 1” P.T. WOOD BUCK (MIN. f’c = 2700 psi).

(B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL. MIN. EDGE DISTANCE = 1”
- 1/4” ULTRACON W/ 1/4” MIN. EMBEDMENT, AS MANUFACTURED BY ELCO CONSTRUCTION PRODUCTS, INC (COMPONENT 68), THRU 1” P.T. WOOD BUCK (MIN. f’c = 1924 psi).

(C) TO EXISTING 2X P.T. WOOD BUCK. MIN. EDGE DISTANCE = 1” (PER N.D.S.)
- 1/4” ULTRACON W/ 1/2” MIN. EMBEDMENT, AS MANUFACTURED BY ELCO CONSTRUCTION PRODUCTS, INC (COMPONENT 49).

(D) TO EXISTING MIN. 1/8” THICK ALUMINUM TUBE (6063-T5 ALLOY) MIN. EDGE DISTANCE = 1/2”
- 1/4”-14 TEK SCREW, MIN. 3/4” LONG, AS MANUFACTURED BY ITW BUILD EXC., INC. (COMPONENT 57), GRADE 5. MIN. EMBEDMENT TO BE (3) PITCH OF THREAD BEYOND THE METAL STRUCTURE.

(E) TO EXISTING MIN. 12 GAUGE (0.106”) STEEL MEMBER (ASTM A-500, A-653) OR A-36 MIN. EDGE DISTANCE = 1/2”
- 1/4”-14 TEK SCREW, MIN. 3/4” LONG, AS MANUFACTURED BY ITW BUILD EXC., INC. (COMPONENT 57), GRADE 5. MIN. EMBEDMENT TO BE (3) PITCH OF THREAD BEYOND THE METAL STRUCTURE.

10. PROVIDE 1/4” MAX. LOAD BEARING SHIM SPACE (TYP.).

11. REMAINING COMPONENTS FOR THIS SLIDING GLASS DOOR'S SYSTEM SHALL BE AS INDICATED ON BILL OF MATERIALS, SHEET 2 OF THIS DRAWING.

12. PRODUCT MANUFACTURER’S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

13. (a) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.E. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/SHE DOES NOT DEViate FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR’S RESPONSIBILITY.

(c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS DELEGATED ENGINEER TO THE P.A.D., SHALL SUBMIT TO THIS LATTER SITE SPECIFIC DRAWINGS FOR REVIEW.

(e) ORIGINAL P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.
COMPONENTS CONTINUED
## BILL OF MATERIALS

<table>
<thead>
<tr>
<th>ITEM</th>
<th>CODE</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>MANUFACTURER/REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>IN-1200</td>
<td>2 per HWD</td>
<td>FRAME HEAD &amp; JAMB (2 TRACKS)</td>
<td>6063-T6</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>2</td>
<td>IN-1203</td>
<td>2 per HWD</td>
<td>FRAME SILL (2 TRACKS)</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>3</td>
<td>IN-1209</td>
<td>3 per HWD</td>
<td>FRAME HEAD &amp; JAMB (3 TRACKS)</td>
<td>6063-T6</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>4</td>
<td>IN-1210</td>
<td>4 per HWD</td>
<td>FRAME SILL (3 TRACKS)</td>
<td>6063-T6</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>5</td>
<td>IN-1211</td>
<td>1 per HWD</td>
<td>SASH</td>
<td>6063-T6</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>6</td>
<td>IN-1204</td>
<td>1 per HWD</td>
<td>INTERLOCK</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
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<tr>
<td>7</td>
<td>IN-1207</td>
<td>1 per HWD</td>
<td>REINFORCEMENT</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>8</td>
<td>IN-1211</td>
<td>1 per HWD</td>
<td>ASTRAGAL</td>
<td>6063-T6</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>9</td>
<td>IN-1205</td>
<td>1 per HWD</td>
<td>COVER TRACK</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>10</td>
<td>IN-1208</td>
<td>1 per HWD</td>
<td>COVER FRAME</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
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<td>11</td>
<td>A-0085</td>
<td>4 per Unit</td>
<td>FRAME CORNER JOINT</td>
<td>CAST ALUM.</td>
<td>MASTER</td>
</tr>
<tr>
<td>12</td>
<td>A-0589</td>
<td>4 per Sash</td>
<td>SASH CORNER JOINT</td>
<td>CAST ALUM.</td>
<td>MASTER</td>
</tr>
<tr>
<td>13</td>
<td>A-1201</td>
<td>1 per Unit</td>
<td>INTERLOCK RETAINER CUP FASTENED TO SILL OR HEADER W/ (2) 1/2&quot;X4&quot; #8 PH PS</td>
<td>NYLON</td>
<td>S.T.I.</td>
</tr>
<tr>
<td>14</td>
<td>A-1203</td>
<td>2 per F.S</td>
<td>FIXED SASH TRACK BLOCK</td>
<td>NYLON</td>
<td>S.T.I.</td>
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<tr>
<td>15</td>
<td>A-1206</td>
<td>2 per F.S</td>
<td>EXTERIOR SASH SEAL</td>
<td>NYLON</td>
<td>S.T.I.</td>
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<td>16</td>
<td>A-1205</td>
<td>1 per Unit</td>
<td>CORNER TRACK/FRAME SILL SEALS/PPV VINYL</td>
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<td>S.T.I.</td>
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<tr>
<td>17</td>
<td>A-1206</td>
<td>1 per Unit</td>
<td>CORNER 2 TRACKS/FRAME SILL SEALS/PPV VINYL</td>
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<td>S.T.I.</td>
</tr>
<tr>
<td>18</td>
<td>A-1205</td>
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<td>FIXED SASH JAMB BLOCK</td>
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<td>S.T.I.</td>
</tr>
<tr>
<td>19</td>
<td>A-1208</td>
<td>2 per RCT</td>
<td>REINFORCEMENT COVERING</td>
<td>NYLON</td>
<td>S.T.I.</td>
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<tr>
<td>20</td>
<td>A-1211</td>
<td>4 per Sash</td>
<td>ALIGNMENT SASH CORNER PLATE</td>
<td>CAST ALUM.</td>
<td>MASTER</td>
</tr>
<tr>
<td>21</td>
<td>A-3010</td>
<td>1 per Unit</td>
<td>MATELLICA CONFORM FAST-LOCK</td>
<td>---</td>
<td>MASTER</td>
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<tr>
<td>22</td>
<td>A-6384</td>
<td>As Req'd</td>
<td>FAST-LOCK 3 LOCK POINTS 1800 mm</td>
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<td>MASTER</td>
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<tr>
<td>23</td>
<td>A-8534-29</td>
<td>1 per F.I.</td>
<td>ADDED KIT FOR A-8534</td>
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<td>MASTER</td>
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<tr>
<td>24</td>
<td>A-8138</td>
<td>As Req'd</td>
<td>INTERLOCK BULB</td>
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<td>MASTER</td>
</tr>
<tr>
<td>25</td>
<td>A-6875.2</td>
<td>2 per O.S</td>
<td>1/S0 KG PANEL TAMDEM ROLLER</td>
<td>---</td>
<td>MASTER</td>
</tr>
<tr>
<td>26</td>
<td>C2 (w/2)</td>
<td>As Req'd</td>
<td>INTERIOR GLASS SUPPORT</td>
<td>EPOXY</td>
<td>BASE</td>
</tr>
<tr>
<td>27</td>
<td>A-G150</td>
<td>As Req'd</td>
<td>FIN SEAL WEATHERSTRIP</td>
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<td>MASTER</td>
</tr>
<tr>
<td>28</td>
<td>LORD-173</td>
<td>As Req'd</td>
<td>DOUBLE SIDE ADHESIVE TAPE END OF BOTTOM</td>
<td>---</td>
<td>LORDBASSEL</td>
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<tr>
<td>29</td>
<td>A-1212</td>
<td>4 per Unit</td>
<td>JOINT FRAME SCREW #6 x 2&quot;</td>
<td>STEEL</td>
<td>82G</td>
</tr>
<tr>
<td>30</td>
<td>A-1213</td>
<td>As Req'd</td>
<td>STRUCTURAL SILICONE</td>
<td>SILICONE</td>
<td>1250 A</td>
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<tr>
<td>31</td>
<td>A-1214</td>
<td>4 per Sash</td>
<td>SETTING BLOCKS AT EACH END OF BOTTOM GLASS</td>
<td>NYLON</td>
<td>S.T.I.</td>
</tr>
<tr>
<td>32</td>
<td>A-1217</td>
<td>As Req'd</td>
<td>2 1/2&quot; FEATHERED GLASS</td>
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<td>Glass</td>
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<tr>
<td>33</td>
<td>A-1217</td>
<td>As Req'd</td>
<td>SILL GLASS</td>
<td>---</td>
<td>Glass</td>
</tr>
<tr>
<td>34</td>
<td>A-6831</td>
<td>2 per Sash</td>
<td>INTERLOCK REINFORCEMENT PLATE</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>35</td>
<td>IN-1213</td>
<td>2 per Meeting</td>
<td>FIXED TUBE OF ANODIZED TYP. TOPBOTTOM</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>36</td>
<td>A-1220</td>
<td>4 per Sash</td>
<td>SCREW #10 X 1 1/2&quot;</td>
<td>STEEL</td>
<td>---</td>
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<tr>
<td>37</td>
<td>A-1221</td>
<td>4 per Sash</td>
<td>INTERIOR ANGLE CORNER SASH</td>
<td>STEEL</td>
<td>---</td>
</tr>
<tr>
<td>38</td>
<td>A-1212</td>
<td>4 per Unit</td>
<td>INTERMEDIATE PLATE OF GLASS TOPSIGHT AND 1/4&quot; X 1/2&quot;</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>39</td>
<td>A-1222</td>
<td>As Req'd</td>
<td>VINYL, FILM/FEATHERING TAPE 1/16&quot; X 3/4&quot;</td>
<td>VINYL</td>
<td>---</td>
</tr>
<tr>
<td>40</td>
<td>AZ-1000</td>
<td>As Req'd</td>
<td>FIN SEAL WEATHERSTRIP</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>41</td>
<td>A-1223</td>
<td>10 per Sash</td>
<td>#10 X 3 3/4&quot; TEK SCREW</td>
<td>S.S. STEEL</td>
<td>TWNCO, INC</td>
</tr>
<tr>
<td>42</td>
<td>A-1224</td>
<td>As Req'd</td>
<td>1/4&quot; MAX. LOAD BEARING SHIM SPACE</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>43</td>
<td>A-1225</td>
<td>As Req'd</td>
<td>VINYL ATTACH TO POURED CONCRETE, CONCRETE BLOCK OR WOOD MEMBER (USE ANCHOR SCHEDULE ON SHEET W.D. AND NOTE H)</td>
<td>STEEL</td>
<td>BLOC CONSTRUCTION PRODUCTS</td>
</tr>
<tr>
<td>44</td>
<td>A-1236</td>
<td>2 per Sash</td>
<td>#10 X 3/4&quot; TEK SCREW</td>
<td>STEEL</td>
<td>TWBULDIX, INC</td>
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<tr>
<td>45</td>
<td>A-1227</td>
<td>4 per Unit</td>
<td>SCREW #10 X 1&quot;</td>
<td>STEEL</td>
<td>---</td>
</tr>
<tr>
<td>46</td>
<td>A-1228</td>
<td>As Req'd</td>
<td>DRAIN VALVE</td>
<td>NYLON</td>
<td>S.T.I.</td>
</tr>
<tr>
<td>47</td>
<td>A-1229</td>
<td>10 per Unit</td>
<td>SCREW #10 X 1/2&quot;</td>
<td>STEEL</td>
<td>---</td>
</tr>
<tr>
<td>48</td>
<td>A-1230</td>
<td>As Req'd</td>
<td>STEELLOCK REINFORCEMENT X 1 1/2 CONTINUOUS BAR AT 12&quot; O/A &amp; O/C CONFIGURATIONS ONLY (NO DAMPENING IN USE IN W/P COMM &amp; O/C EXCEEDING 120 MPH AND ONE STAGE OF OPENING)</td>
<td>STEEL</td>
<td>---</td>
</tr>
<tr>
<td>49</td>
<td>A-1231</td>
<td>As Req'd</td>
<td>Threshold &amp; Head &amp; Operable Sashes</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>50</td>
<td>A-1232</td>
<td>(12) per Unit</td>
<td>SCREW 1/4&quot; X 1&quot; TYP. TOP &amp; BOTTOM</td>
<td>STEEL</td>
<td>---</td>
</tr>
<tr>
<td>51</td>
<td>---</td>
<td>As Req'd</td>
<td>NAIL TO CEILING OR STEEL MEMBER, USE ANCHOR SCHEDULE ON SHEET W.D. AND NOTE H</td>
<td>STEEL</td>
<td>TWBULDIX, INC</td>
</tr>
<tr>
<td>52</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>53</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

---

**GLAZING DETAIL (SECTION)**

**SCALE: 1/4" = 1"**

---

**FLORIDA BUILDING CODE** (High Velocity Hurricane Zone)

---

**SERIES INTER 156, ALUMINUM SLIDING GLASS DOOR LARGE Missile IMPACT RESISTANT**

---

**WALTER A. TILLECO, INC.**

---

**TILLECO TILT & TESTING & ENGINEERING COMPANY**

---

**ALUCORP S.A. de C.V.**

**MIDDOCK LLC.**

---

**Distributor: ALUCORP S.A. de C.V.**

**Address:** 300 N.W. 23rd St., Miami, FL 33125

---
TYPICAL EXTERIOR ELEVATION
TRIPLE SASH DOOR (XXO) 3 TRACKS
MAXIMUM DESIGN LOAD: +80.0, -80.0 psf

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

"S" = MAX. ANCHOR SPACING (SEE SCHEDULE ON SHEET 30)
TYPICAL EXTERIOR ELEVATION
TRIPLE SASH DOOR (OXX) 3 TRACKS

MAXIMUM DESIGN LOAD: +80.0, -80.0 psf

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

"s" = MAX. ANCHOR SPACING (SEE SCHEDULE ON SHEET 30)

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)
TYPICAL EXTERIOR ELEVATION
TRIPLE SASH DOOR (XXX) 3 TRACKS

MAXIMUM DESIGN LOAD: +80.0, -80.0 psf

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

"S" = MAX ANCHOR SPACING (SEE SCHEDULE ON SHEET 30).

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)
TYPICAL EXTERIOR ELEVATION
TRIPLE SASH DOOR (OXX) 2 TRACKS

MAXIMUM DESIGN LOAD: +80.0, -80.0 psf

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

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FLORIDA BUILDING CODE (High Velocity Hurricane Zone)
TYPICAL EXTERIOR ELEVATION
TRIPLE SASH DOOR (OXY) 2 TRACKS
MAXIMUM DESIGN LOAD: +80.0, -80.0 psf
SCALE: 1/2"=1'-0"

"S" = MAX. ANCHOR SPACING (SEE SCHEDULE ON SHEET 30).

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)
TYPICAL EXTERIOR ELEVATION
QUADRUPLE SASH DOOR (OXXO) 2 TRACKS
MAXIMUM DESIGN LOAD: +80.0, -80.0 psf

*S* = MAX. ANCHOR SPACING (SEE SCHEDULE ON SHEET 30.)

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)
SECTIONS F-F (XO) OR (XO REVERSED)

SCALE: 3/8" = 1"
SECTIONS H-H (XXO)

SCALE: 3/8"=1"
SECTIONS L-L (OXX)
SCALE: 3/8"=1"

LOCATE (5) AT 11 1/4", 36 3/4", 63 1/2" & 89" FROM THE BOTTOM RAIL.

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

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SECTIONS Q-Q (OXXO)

SCALE: 3/8" = 1'

* LOCATE at 11 1/4", 36 3/4", 63 1/2" & 89" from the bottom rail.
# Maximum Anchor Spacing Schedule "S"

<table>
<thead>
<tr>
<th>Substrate (*)</th>
<th>Anchor Type (*)</th>
<th>A.S.D. Design Pressure Rating</th>
<th>Head/Sill @ Configurations</th>
<th>Jambs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concrete</td>
<td>1/4&quot; Ø Ultracon</td>
<td>± 80 or less</td>
<td>7&quot; O.C.</td>
<td>12&quot; O.C.</td>
</tr>
<tr>
<td>Block</td>
<td>1/4&quot; Ø Ultracon</td>
<td>± 80 or less</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Wood</td>
<td>1/4&quot; Ø Ultracon</td>
<td>± 80 or less</td>
<td>7&quot; O.C.</td>
<td>12&quot; O.C.</td>
</tr>
<tr>
<td>Alum. Tube or Steel Member</td>
<td>1/4&quot; Ø Tek Screw</td>
<td>± 80 or less</td>
<td>7&quot; O.C.</td>
<td>12&quot; O.C.</td>
</tr>
</tbody>
</table>

(*) SEE GENERAL NOTE 9/1.

---

**Detail 1 @ Meeting Rail or Lockstiles**

Cluster of 12 Pairs of Anchors (Total of 24 Anchors)

![Diagram](image-url)