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-S.M.I.

**APPROVAL DOCUMENT:** Drawing No. 17-272 (Former 10-044), 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. Tillitt 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:** 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. 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# 11-0823.06 (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.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under previous approvals

A. DRAWINGS
   1. Manufacturer's parts and sections drawings.
   2. Drawing No. 10-044, 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 #11-0823.06)
   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 Resistant 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 (b) and 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 Edmundo 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/ ASTM 1300-02 & -04.

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

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. 18-0117.03
Expiration Date: November 03, 2023
Approval Date: November 22, 2018
Middko, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. New Evidence submitted

A. DRAWINGS
1. Drawing No. 17-272 (Former 10-044), 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 AluCrp, 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 # 11-0823.06, expiring 11/22/23.
2. Florida Division of corporation, listing of Middko, LLC as active status since 03/2006.
3. Distribution agreement declaration copies.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 18-0117.03
Expiration Date: November 03, 2023
Approval Date: November 22, 2018
GENERAL NOTES:

1. SERIES INTER 120, ALUMINUM SLIDING GLASS DOOR SMALL 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.

2. THESE DOORS MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (MIAMI-DADE / BROWARD COUNTIES).

3. 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.

4. 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.

5. 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.

6. THESE DOOR'S ADEQUACY FOR IMPACT AND WIND RESISTANCE HAS BEEN VERIFIED 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, PERFORMED AS PER SECTION 1616 OF THE FLORIDA BUILDING CODE.

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

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

9. THESE SLIDING GLASS DOORS IS APPROVED FOR AIR AND WATER INfiltrATION. (12.0 psf).

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

11. 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.

12. 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 DIN 50016 AND SECTION 2411.3.3.4 OF THE FLORIDA BUILDING CODE WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH.

13. WOOD BUDDS NOT BY ALUCORP S.A. DE C.V. WOOD BUDDS MUST BE SOUTHERN PINE, G=0.55.

14. THE THICKNESS OF ALL EXTRUSIONS SHALL BE AS SHOWN ON SHEETS 2, 3 & 4 OF THIS DRAWING.

9. ANCHOR NOTES:

(a) 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 49), THRU 1" P.T. WOOD BUCK (MIN. F.C. = 2700 psf).

(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 49), THRU 1" P.T. WOOD BUCK (MIN. F.C. = 2704 psf).

(c) TO EXISTING 2x P.T. WOOD BUDD MIN. EDGE DISTANCE = 1" (PER N.D.S.) - 1/4" ULTRACON W/ 1/2" MIN. EMBEDMENT, AS MANUFACTURED BY ITW BUILDING, INC. (COMPONENT 57), GRADE 5, MIN. EMBEDMENT TO BE (3) PITCH OF THREAD BEYOND THE METAL STRUCTURE.

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

(f) PROVIDE 1/4" MAX. LOAD BEARING SHIM SPACE (TYPE).
COMPONENTS CONTINUED

33. DOUBLE SIDE ACRYLIC TAPE
   LOaned-173

34. JOINT FRAME SCREW: #6 x 2" A-1212

36. SETTING BLOCK (0.850" LONG) A1214

40. INTERLOCK REINFORCEMENT PLATE A-6831

43. FIXED TUBE A-6831

42. SCREW: #10x1-1/2" A-1230

43. REINFORCEMENT ANGLE CORNER PANEL A-1221

44. REINFORCEMENT PLATE OF GUIDE A-1212

45. VINYL FOAM GLAZING TAPE 1/2" x 1/4" A-1222

46. FIN SEAL WEATHERSTRIP AG-1800

47. SCREW: #10-24 x 3/4" A-1233

50. SCREW: #10 x 1½" A-1226

51. SCREW: 5/16" x 1" A-1227

52. DRAIN VALVE A-1228

53. SCREW: 5/16" x 2" A-1229

54. STEEL LOCK REINFORCEMENT 2" x 1/2" CONTINUOUS BAR USED ONLY @ 6X60 CONFIGURATIONS A-1230

55. THRESHOLD & HEAD @ OPERABLE PANELS (44.5" MAX. LONG) ONLY @ 6X60 CONFIGURATIONS A-1231

56. SCREW: 5/16" x 1" A-1232

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

- TILECO INC.
-ãi. ALUCORP S.A. de C.V.
- MIDKO LLC
- 1330 NW 27TH ST, SUITE 100
- MIAMI, FL 33125
- 2017 TILECO INC.
- EMAILED AT TILECO@GMAIL.COM
- DRAWN BY WALTER A. TITTLE JR.
- STATE OF FLORIDA PROFESSIONAL ENGINEER
- #144167
- MIAMI-DADE COUNTY - P.E. SEALISNOURNEDATE

SERIES INTER 130, ALUMINUM SLIDING GLASS DOOR SMALL MISSILE IMPACT RESISTANT

12/11/17 DATE

17-272 DRAWING NO.

SHEET 4 OF 51
# BILL OF MATERIALS

<table>
<thead>
<tr>
<th>ITEM #</th>
<th>CODE</th>
<th>QUANTITY</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
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<td>IN-1200</td>
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<td>FRAME HEAD &amp; JAMB (2 TRACKS)</td>
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<td>ALUMINUM</td>
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<td>180 KG PANEL TANDEM ROLLER</td>
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<td>BASEL</td>
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<td>MASTER</td>
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<td>33</td>
<td>LORD-173</td>
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<td>DOUBLE SIDE ADHOC TAPE AT END OF TOMBSTONE</td>
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<td>LORDOWASSEL</td>
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<td>DOW CORNING 999-A</td>
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<td>A-1252</td>
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<td>A-1222</td>
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<td>VINYL FOAM GLAZING TAPE (1&quot;) X 1/2&quot; X 1/4&quot; X 1/4&quot;</td>
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<td>PIN SEAL WEATHERSTRIP</td>
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<td>MASTER</td>
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<td>47</td>
<td>A-1223</td>
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<td>PIN TO FRAME A-1223 X 3/4&quot; X 3/4&quot; X 2&quot;</td>
<td>S.S. STEEL</td>
<td>ITW/BUILDERS INC</td>
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<td>48</td>
<td>A-1224</td>
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<td>14&quot; MAX. LOAD BEARING SHIM SPACE</td>
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<td>A-1225</td>
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<td>1/4&quot; U-LATCH TO POURED CONCRETE CONCRETE BLOCK OR WOOD MEMBER ROOD, SEE ANCHOR SCHEDULE ON SHEET 139 B-0007.00</td>
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<td>BLDG CONSTRUCTION PRODUCTS</td>
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<td>SCREW #10 X 3/4&quot; T.O. SCREW</td>
<td>STEEL</td>
<td>ITW/BUILDERS INC</td>
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</tr>
<tr>
<td>53</td>
<td>A-1229</td>
<td>10</td>
<td>SCREW #3/4&quot; X 1&quot;</td>
<td>STEEL</td>
<td>S.T.I.</td>
</tr>
<tr>
<td>54</td>
<td>A-1230</td>
<td>1</td>
<td>STEEL LOCK REINFORCEMENT 2&quot; X 1/4&quot; CONTINUED BOLT AT WALL, DOOR OR WINDOW, ROOD ONLY WHEN USED IN COMP. B COMP. 54&quot; EXTERIOR AND LEFT SIDE OF GLAZING/STAIN</td>
<td>STEEL</td>
<td>S.T.I.</td>
</tr>
<tr>
<td>55</td>
<td>A-1231</td>
<td>1</td>
<td>THRESHOLD &amp; HEAD OPERABLE SASHES</td>
<td>6063-T5</td>
<td>ALUMINUM</td>
</tr>
<tr>
<td>56</td>
<td>A-1232</td>
<td>1/2&quot; ROOD SCREW #1 X 1&quot; TOP &amp; BOTTOM</td>
<td>STEEL</td>
<td>S.T.I.</td>
<td></td>
</tr>
<tr>
<td>57</td>
<td>A-1235</td>
<td>1</td>
<td>SCREW #1&quot; X 1/4&quot; SCREW DRIVERS (4)</td>
<td>STEEL</td>
<td>ITW/BUILDERS INC</td>
</tr>
<tr>
<td>58</td>
<td>A-1236</td>
<td>1</td>
<td>SCREW #1/2&quot; X 1/2&quot; PH. SMS</td>
<td>STEEL</td>
<td>S.T.I.</td>
</tr>
</tbody>
</table>

---

**GLAZING DETAIL (SECTION)**

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

---

**PRODUCT REVIEW**

TILECO INC.

designer:

WALTER A. TILLT, P.E.

41417

12/11/17

DATE

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

TILECO INC.

TILLIT TESTING & ENGINEERING COMPANY

MANUFACTURER:

ALUICORP S.A. de C.V.

DISTRIBUTOR:

MIDDKO LLC

SERIES INTER 120, ALUMINUM SLIDING GLASS

DOOR SMALL MISSILE IMPACT RESISTANT

MANUFACTURER:

ALUICORP S.A. de C.V.

DISTRIBUTOR:

MIDDKO LLC

STANDARD 50 CFM, S.S. 1200, 5000 ASME, FC/90, 1063 CFM, slopes 1-1/2" X 4'-6".

WALTER A. TILLT, P.E.

12/11/17

D R A W I N G  N O .

SHEET 5 OF 31
TYPICAL EXTERIOR ELEVATION
DOUBLE SASH DOOR (XO) 2 TRACKS
MAXIMUM DESIGN LOAD: +80.0, -80.0 psf
SCALE: 1/2"=1'-0"

TYPICAL EXTERIOR ELEVATION
DOUBLE SASH DOOR (XX) 2 TRACKS
MAXIMUM DESIGN LOAD: +80.0, -80.0 psf
SCALE: 1/2"=1'-0"

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

SCHEDULE ON SHEET 30

©2017 TILECO INC.
MANUFACTURER:
ALLUCORP S.A. de C.V.
DISTRIBUTOR:
MIDDOKO LLC
MANUFACTURER:
WALTER A. TILLITZER P.E.
STATE OF FLORIDA
LICENSE No. 44187

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)
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)

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)
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)

CLUSTER OF 12 PAIRS OF ANCHORS @ HEAD
SEE DETAIL 3

CLUSTER OF 12 PAIRS OF ANCHORS @ SILL
SEE DETAIL 4

PAIRS OF ANCHORS @ JAMB
(SCHOMATIC ELEVATION)
DETAIL 2

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

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MANUFACTURER:
ALUCORP S.A. DE C.V.
DISTRIBUTOR:
MIDDOCO LLC.

WALTER. A. TILLIT JR.
P.E., P. E.
FLORIDA LIC. 43167

No. 44167

PROFESSIONAL ENGINEER

SERIES INTER-120, ALUMINUM SLIDING GLASS DOOR SMALL MISSILE IMPACT RESISTANT

DRAWN BY:

DATE: 12/11/17

DRAWING NO: 17-272

REVISION DESCRIPTION DATE

REVISION DESCRIPTION DATE

Sheet B of 31
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).

(1) PAIR OF ANCHORS (TOP)
(SEE DET. I)

(1) PAIR OF ANCHORS (TOP)
(SEE DET. J)

17/32" 3/4" 3/4"

3/4" 3/4"

PROD (REV 7)

6/36/17

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

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SERIES INTER-120, ALUMINUM SLIDING GLASS DOOR SMALL MISSILE IMPACT RESISTANT

MANUFACTURER:
ALUCORP S.A. de C.V.

DISTRIBUTOR:
MODKO LLC.

12/11/17

17-272

DRAWN BY

WALTER A. TILLIT, JR.

MICHIGAN-34177

P.E. SEAL/INSURANCE DATE

P.O. BOX 597

1-09031-12000-40000

1-225-4117-35-031
TYPICAL EXTERIOR ELEVATION
TRIPLE SASH DOOR (OXX) 2 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
QUADRUPLE SASH DOOR (OXXO) 2 TRACKS
MAXIMUM DESIGN LOAD: +80.0, -80.0 psf

"S" = MAX. ANCHOR SPACING (SEE SCHEDULE ON SHEET 30).
REQUIRED @ FIXED (0) SASHES ONLY.
LOCATE (5) AT 11 1/4", 36 3/8", 63 1/2" & 89" FROM THE BOTTOM RAIL.

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

SECTIONS E-E (XO) OR (XO REVERSED)
SCALE: 3/8"=1"
REOUIRED: FIXED (C) SASHES ONLY.
LOCATE (5) AT 11 1/4", 36 3/4", 63 1/2" & 89" FROM THE BOTTOM RAIL.

SECTIONS F-F (XO) OR (XO REVERSED)
SECTIONS L-L (OXX)

SCALE: 3/8" = 1"

LOCATION AT 11 1/4", 36 3/4, 63 1/2" & 89" FROM THE BOTTOM RAIL.
EXTerior

SECTIONS N-N (OXO)

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)

DRAWN BY

12/21/17 DATE

DRAWING No.

17-272

[Diagram of sections N-N (OXO) with detailed measurements and annotations for exterior building design]
# 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>
<th>REQ'D. ADDITIONAL CLUSTER OF PAIRS OF (12) ANCHORS @ MEETING RAIL OR LOCKSTILES</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>8&quot; O.C.</td>
<td>4&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>
<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>8&quot; O.C.</td>
<td>4&quot; O.C.</td>
</tr>
<tr>
<td>ALUM. TUBE OR STEEL MEMBER</td>
<td>1/4&quot; Ø TECK SCREW</td>
<td>± 80 OR LESS</td>
<td>7&quot; O.C.</td>
<td>8&quot; O.C.</td>
<td>4&quot; O.C.</td>
</tr>
</tbody>
</table>

(*) SEE GENERAL NOTE 9/1.

---

**DETAIL 1 @ MEETING RAIL OR LOCKSTILES**

Cluster of 12 pairs of anchors typ.

---

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

**SERIES INTER 120, ALUMINIUM SLIDING GLASS DOOR SMALL MISSILE IMPACT RESISTANT**

**MANUFACTURER:** ALUCORP S.A. de C.V.  
**DISTRIBUTOR:** MIDDKO LLC.

**DRAWN BY:**  
**DATE:** 12/11/17

**DRAWING No.:** 17-272  
**SHEET:** 30 OF 31