Glasstra Manufacturing, Inc.
Carr. 869 Lot 69 Industrial Las Palmas
catáfo, PR 00962

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 “5000” Aluminum Sliding Glass Door w/ Reinforcements-L.M.I.

APPROVAL DOCUMENT: Drawing No. 17-044, titled “Series 5000 High Performance Sliding glass Door”, sheets 1 thru 8 of 8, prepared by Tilteco Inc, dated 11/16/18, signed and sealed by Walter A. Tillit Jr., P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and Approval 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 in sheet 1 (general note 3).
2. See anchor layout VS substrate and anchor spacing and cluster anchors (Astragal/Metirking stiles/ interlocks) schedule in sheet 7.
3. 1X buck when used as spacer, to be properly secured to transfer imposed load.
4. Max frame area and panel area not to exceed the tested area as shown in sheet 4.

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 consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.
The submitted documentation was reviewed by Ishaq L. Chanda, P.E.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS
   1. Manufacturer’s parts and sections drawings.
   2. Drawing No. 17-044, titled “Series 5000 High Performance Sliding glass Door”, sheets 1 thru 8 of 8, prepared by Tilteco Inc, dated 11/16/18, signed and sealed by Walter A. Tillit Jr., P.E.

B. TESTS
   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-0524.01.17, dated 09/20/17, signed and sealed by Stephen Water, P. E.

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis dated 09/28/17, 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 DE Nemours & Co., Inc. for the “Sentry Glass ® (Clear and White) Glass Interlayers”, expiring on 07/04/23.

F. STATEMENTS
   2. Statement of lab compliance, as part of above test report.

G. OTHER
   1. None.

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17-1207.07
Expiration Date: December 06, 2023
Approval Date: December 06, 2018
GENERAL NOTES:

1. SERIES 5000 HIGH PERFORMANCE HURRICANE RESISTANT SLIDING GLASS DOOR, 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. SERIES 5000 HIGH PERFORMANCE HURRICANE RESISTANT SLIDING GLASS DOOR MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 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 3 BELOW.

IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED AS 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 3 BELOW.

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 COEFFICIENT 1.6 WAS USED TO VERIFY FASTENERS IN WOOD. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH N.D.S. 2016.

THESE DOORS’ ADEQUACY FOR IMPACT AND WIND RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS NAS-201, NAS-202, NAS-203, PER AMERICAN TESTING LAB. LAB REPORT #0024.01-17 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, CONDUCTED AS PER SECTION 1616 OF THE FLORIDA BUILDING CODE.

2. REMAINING COMPONENTS FOR THIS SLIDING GLASS DOOR SYSTEM SHALL BE AS INDICATED ON BILL OF MATERIALS SHEET 3 OF THIS DRAWING.

3. MAXIMUM A.S.D. DESIGN PRESSURE RATINGS FOR THESE DOORS SHALL BE +75.0. -75.0 psi.

4. THIS SERIES 5000 HIGH PERFORMANCE HURRICANE RESISTANT SLIDING GLASS DOOR WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

5. THIS SERIES 5000 HIGH PERFORMANCE HURRICANE RESISTANT SLIDING GLASS DOOR IS APPROVED FOR AIR AND WATER INFILTRATION.

6. ALL ALUMINUM EXTRUSIONS SHALL BE ALUMINUM ASSOCIATION 6003-75 ALLOY AND TEMPER, WITH Fy=150 ksi.

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 OR 50508 WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTION 2411.3.3.4.

8. WOOD BUCKS, BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE SOUTHERN PINE, C=0.55, AND SHALL COMPLY WITH SECTIONS 2411.3.3.3 & 2328 OF THE FLORIDA BUILDING CODE.

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

(A) TO EXISTING POURED CONCRETE: (MIN. Fc = 3000 ksi), MIN. EDGE DISTANCE = 2 1/2".

- 1/4" x 1/4" SCREW W/ 1 3/4" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDIX, INC (COMPONENT 25).

THRU 1" P.T. WOOD BUCK.

(B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK MIN. EDGE DISTANCE=2 1/2", (APPLICABLE TO JAMBS ONLY)

- 1/4" x 1/4" SCREW W/ 1 3/4" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDIX, INC (COMPONENT 25).

THRU 1" P.T. WOOD BUCK.

(C) TO EXISTING 2x P.T. WOOD BUCK (MIN. C=0.55). MIN. EDGE DISTANCE = 1 1/4".

- #12 WOOD SCREW W/ 1 1/2" MIN. THREADED PENETRATION, AS MANUFACTURED BY TEDDY DIAZ, (COMPONENT 25).

(D) TO EXISTING MIN. 1/8" THICK ALUMINUM MEMBER (6063-T5 ALLOY) MIN. EDGE DISTANCE = 1/2".

- 1/4" x 1/4" SCREW W/ 1/8" MIN. THREADED PENETRATION, AS MANUFACTURED BY ITW/BUILDIX, INC (COMPONENT 25).

(E) TO EXISTING MIN. 12 GAGE STEEL MEMBER (ASTM A-500, A-653 OR A-36) MIN. EDGE DISTANCE = 1/2".

- 1/4" x 1/4" SCREW W/ 1/8" MIN. THREADED PENETRATION, AS MANUFACTURED BY ITW/BUILDIX, INC (COMPONENT 25).

10. PROVIDE 1/4" MAX. LOAD BEARING SHIM, WHEN ALLOWED BY THIS DRAWING.

11. 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.

12. (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) ORIGINAL P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

THIS DRAWING SHALL BE USED ONLY TO OBTAIN PERMITS IN THE STATE OF FLORIDA
COMPONENTS

SCALE 1/2"=1"
# BILL OF MATERIAL

<table>
<thead>
<tr>
<th>ITEM</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>MANF. / SUPPLIES / REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18713</td>
<td>FRAME HEAD</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>2</td>
<td>18714</td>
<td>FRAME SILL TRACK</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>3</td>
<td>18715</td>
<td>FRAME JAMB</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>4</td>
<td>18716</td>
<td>OPTIONAL THRESHOLD</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>5</td>
<td>18717</td>
<td>SILL RISE</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>6</td>
<td>15609</td>
<td>SILL RISE SNAP-IN</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>7</td>
<td>18718</td>
<td>TOP RAIL</td>
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</tr>
<tr>
<td>8</td>
<td>18720</td>
<td>LOCK STILE</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>9</td>
<td>18719</td>
<td>BOTTOM RAIL</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>10</td>
<td>18721</td>
<td>INTERLOCK</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>11</td>
<td>18847</td>
<td>REINFORCEMENT INTERLOCK</td>
<td>ALUMINUM ALLOY 0603-T5</td>
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<tr>
<td>12</td>
<td>18722</td>
<td>FEMALE ASTRAGAL WRENEF</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>13</td>
<td>18723</td>
<td>MALE ASTRAGAL WRENEF</td>
<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>14</td>
<td>18725</td>
<td>GLASS ADAPTOR</td>
<td>ALUMINUM ALLOY 0603-T5</td>
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<tr>
<td>15</td>
<td>18540</td>
<td>1 7/8&quot; x 3/8&quot; FLAT BAR</td>
<td>ALUMINUM ALLOY 0603-T5</td>
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<tr>
<td>16</td>
<td>18540</td>
<td>1 7/8&quot; x 3/8&quot; FLAT BAR</td>
<td>ALUMINUM ALLOY 0603-T5</td>
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<tr>
<td>17</td>
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<td>ALUMINUM ALLOY 0603-T5</td>
</tr>
<tr>
<td>18</td>
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<td>1 7/8&quot; x 3/8&quot; FLAT BAR</td>
<td>ALUMINUM ALLOY 0603-T5</td>
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<tr>
<td>19</td>
<td>QED2175Q</td>
<td>Q.PRO LONG</td>
<td>BY SCHLICK. SEE SECTION B-B ON SHEET 6 FOR LOCATION</td>
</tr>
<tr>
<td>20</td>
<td>WS3255W000B</td>
<td>TRI FIN WEATHER SEAL</td>
<td>BY ULTRAFAB. SEE SECTION A-A ON SHEET 5 FOR LOCATION</td>
</tr>
</tbody>
</table>
| 21   | SS1858   | 1/2" HOLLOW CORE VINYL | DRY CRE |}

## GLAZING DETAIL

(DRY GLAZED GLASS 33)

**SCALE 3/4" = 1"**

### NOTE:

**REQUIRED LOCATIONS AT FRAME:***

1. WL 1 LONG, ATTACHED TO THE UNDERSIDE OF 175 IN THE INTERIOR @ 94" O.C. FROM THE LEFT JAMB.

2. WL 4" LONG, ATTACHED TO THE UNDERSIDE OF 175 IN THE INTERIOR @ 142 3/8" O.C. FROM THE LEFT JAMB.

3. WL 2" LONG, ATTACHED TO THE UNDERSIDE OF 175 IN THE INTERIOR @ 48 3/8" O.C. FROM THE LEFT JAMB.

4. WL 7" LONG, ATTACHED TO THE TOP OF THE INTERIOR @ DIRECTLY ABOVE THE LEFT STILE OF THE LEFT OPERABLE PANEL.

5. WL 7" LONG, ATTACHED TO THE TOP OF THE INTERIOR @ DIRECTLY ABOVE THE RIGHT STILE OF THE RIGHT OPERABLE PANEL.

6. WL 7" LONG, ATTACHED TO THE TOP OF THE INTERIOR @ DIRECTLY ABOVE THE LEFT STILE OF THE RIGHT FIXED PANEL.

### COMPONENT 33:

1.190" x 0.095" x 0.125" THK. ALUMINUM PLATE SHALL BE ATTACHED TO EA. END OF THE HOOK LATCH ASSEMBLY TO EXTEND THE ATTACHMENT EARS. EACH PLATE W/ (1) #10-24 x 3 1/4" SCREW W/A #2 PHILIPS, FLAT, UNDERCUT HEAD W/ A FLAT SCREW TIP INTO A 0.16" THRU BORED HOLE IN THE ALUMINUM PLATE.

ONE PLATE SHALL BE LOCATED AT EA. END UNDER THE FACTORY HOLE. THE LATCH SECURED TO THE LOCK STILE AT EA. END, TOP & BOTTOM, W/ (3) #10-24 x 3 1/4" SCREW W/A #2 PHILIPS, FLAT, UNDERCUT HEAD W/ A FLAT SCREW TIP THROUGH THE LEFT WALL OF THE LOCK STILE HOLES, THOUGH (2) 0.067" D. O.D. 0.252" I.D. 0.046" THK., S.S. STACKED WASHERS THEN INTO A 0.16" THRU BORED HOLE IN THE ALUMINUM PLATE. W/ EXTENDED, THE LOCK LATCH IS 33 7/8" O.C. FROM BOTTOM OF THE LOCK STILE AND IS ENGAGED TO THE LOCK STILE FRAME.

### NOTE:

**COMPONENT 34: SHALL BE ATTACHED TO THE HOOK LATCH ASSEMBLY THROUGH 0.226" H HOLES W/ (3) #8-26 x 3 1/16" LONG SCREWS W/ A #2 PHILIPS, FLAT, UNDERCUT HEAD AND FLAT TIP.**

### NOTE:

**COMPONENT 35: SHALL BE ATTACHED TO THE HOOK LATCH ASSEMBLY THROUGH 0.226" H HOLES W/ (3) #8-26 x 3 1/16" LONG SCREWS W/ A #2 PHILIPS, FLAT, UNDERCUT HEAD AND FLAT TIP.**
### Max. Anchors Spacing "Sj" at Jambs Connection Schedule

<table>
<thead>
<tr>
<th>Max. Frame Height</th>
<th>Max. ASD Design Pressure Rating</th>
<th>Substrate</th>
<th>Anchor Type</th>
<th>Max. Anchor Spacing &quot;Sj&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’-0&quot;</td>
<td>75.0 psf.</td>
<td>Poured Concrete or Concrete Block</td>
<td>25</td>
<td>9 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wood</td>
<td>25B</td>
<td>7&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aluminum or Steel</td>
<td>25A</td>
<td>11 1/2&quot;</td>
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</tbody>
</table>

### Max. Anchors Spacing "Sh" at Head in Between Clusters, Connection Schedule

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<thead>
<tr>
<th>Max. Frame Height</th>
<th>Max. ASD Design Pressure Rating</th>
<th>Substrate</th>
<th>Anchor Type</th>
<th>Max. Anchor Spacing &quot;Sh&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’-0&quot;</td>
<td>75.0 psf.</td>
<td>Poured Concrete or Concrete Block</td>
<td>25</td>
<td>6&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wood</td>
<td>25B</td>
<td>6&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aluminum or Steel</td>
<td>25A</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

### Min. Number of Anchors "n" at Cluster at Head Connection Schedule

<table>
<thead>
<tr>
<th>Max. Frame Height</th>
<th>Max. ASD Design Pressure Rating</th>
<th>Substrate</th>
<th>Anchor Type</th>
<th>Total Number of Anchors &quot;n&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’-0&quot;</td>
<td>75.0 psf.</td>
<td>Poured Concrete or Concrete Block</td>
<td>25</td>
<td>10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wood</td>
<td>25B</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aluminum or Steel</td>
<td>25A</td>
<td>8</td>
</tr>
</tbody>
</table>

### Max. Anchors Spacing "Ss" at Sill in Between Clusters, Connection Schedule

<table>
<thead>
<tr>
<th>Max. Frame Height</th>
<th>Max. ASD Design Pressure Rating</th>
<th>Substrate</th>
<th>Anchor Type</th>
<th>Max. Anchor Spacing &quot;Ss&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’-0&quot;</td>
<td>75.0 psf.</td>
<td>Poured Concrete or Concrete Block</td>
<td>25</td>
<td>8&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Wood</td>
<td>25B</td>
<td>8&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aluminum or Steel</td>
<td>25A</td>
<td>8&quot;</td>
</tr>
</tbody>
</table>

### Min. Number of Anchors "n" at Cluster at Sill Connection Schedule

<table>
<thead>
<tr>
<th>Max. Frame Height</th>
<th>Max. ASD Design Pressure Rating</th>
<th>Substrate</th>
<th>Anchor Type</th>
<th>Total Number of Anchors &quot;n&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>10’-0&quot;</td>
<td>75.0 psf.</td>
<td>Poured Concrete or Concrete Block</td>
<td>25</td>
<td>12</td>
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<tr>
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<td>Wood</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Aluminum or Steel</td>
<td>25A</td>
<td>10</td>
</tr>
</tbody>
</table>

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**Head/Sill Anchor Spacing (2 Tracks)**

- "Sh", at head
- "Ss", at sill

**Head/Sill Cluster Anchor Location (2 Tracks)**

- O.C.
- Min.

---

**Florida Building Code (High Velocity Hurricane Zone)**

- Series 5000 High Performance Hurricane Resistant Sliding Glass Door
- GLASTRA MANUFACTURING INC.
  - P.O. Box 1365, Castle Hill, MA 02646
  - U.S. Patent: 4,902,022

- TILICO INC.
  - P.O. Box 1365, Castle Hill, MA 02646
  - U.S. Patent: 4,902,022

- Approval as complying with the Florida Building Code
  - Date: 12/7/17
  - Code: 12-122.2.0.7
  - Miami-Dade County Building Code

- Approved by: WALTER A. TILICO

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**License Information**

- No. 44167
- State of Florida
- State: FL
- License: PROFESSIONAL ENGINEER

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**Drawing Information**

- M/L/A.P.: 09/27/17
- SCALE: 1/4" = 1'-0"
- SHEET 7 OF 8
- DRAWING NO.: 17-044
REQUIRED SEALANT SPECIFICATIONS:

DOW CORNING 1199 SILICONE SEALANT COMPONENT (ETA) AT THE FOLLOWING LOCATIONS:

1. AT EACH CORNER WHERE THE JAMBS ARE ATTACHED TO THE FRAME HEAD OR SILL IS CONNECTED IN A BED OF SEALANT.

2. A BEAD ALONG EACH MALE TO FEMALE MATED INTERFACE OF THE TWO (2) PIECE FRAME HEAD, FRAME SILL, AND JAMB.

3. A BEAD ALONG THE JOINT BETWEEN EACH TWO (2) PIECE FRAME HEAD, FRAME SILL AND JAMB.

4. A BEAD ALONG THE INTERIOR AND EXTERIOR EDGES OF EACH LAYER OF SILL RISE.

5. A BED BEHIND THE ASSEMBLED SILL RISE ALONG THE INTERIOR SIDE OF THE FRAME SILL TRACK AND UP EACH JAMB.

6. A BEAD ALONG THE INTERIOR AND EXTERIOR EDGES OF THE 5TH LAYER OF SILL RISE, PRIOR TO ADDING THE SILL RISE SNAP-IN.

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)