NOTICE OF ACCEPTANCE (NOA)

Lawson Industries, Inc.
8501 NW 90 Street
Medley, 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 “SH-7800 (Fin Frame)” Aluminum Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. L7800-0801, titled “Series-7800 Single Hung Fin Frame Impact Window”, sheets 1 through 4 of 4, dated 03/31/08, with revision E dated 07/31/20, prepared by manufacturer, and signed and sealed by Thomas J. Sotos, 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

LABELING: Each unit shall bear a permanent label with the manufacturer’s name or logo, city, state, 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 NOA No. 18-0911.07 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.
Lawson Industries, Inc.

NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

1.  EVIDENCE SUBMITTED UNDER PREVIOUS NOA’s

A.  DRAWINGS

1.  Manufacturer’s die drawings and sections.

(Submitted under NOA No. 08-0527.18)

2.  Drawing No L7800-0801, titled “Series-7800 Single Hung Fin Frame Impact Window”, sheets 1 through 4 of 4, dated 03/31/08, with revision D dated 11/01/17, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.

(Submitted under NOA No. 17-1212.18)

B.  TESTS

1.  Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94

   2) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of an aluminum single hung fin window, prepared by Hurricane Engineering & Testing, Inc., Test Report No.

   HETI-08-2083, dated 03/14/08, signed and sealed by Candido F. Font, P.E.

   (Submitted under NOA No. 08-0527.18)

2.  Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94

   2) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of an aluminum single hung fin window, prepared by Hurricane Engineering & Testing, Inc., Test Report No.

   HETI-08-2084, dated 03/14/08, signed and sealed by Candido F. Font, P.E.

   (Submitted under NOA No. 08-0527.18)

3.  Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94

   2) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of an aluminum single hung fin window, prepared by Hurricane Engineering & Testing, Inc., Test Report No.

   HETI-08-2015, dated 01/15/08, signed and sealed by Candido F. Font, P.E.

   (Submitted under NOA No. 08-0527.18)

4.  Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94

   2) Cyclic Wind Pressure Loading per FBC, TAS 203-94

   along with marked-up drawings and installation diagram of an aluminum single hung fin window, prepared by Hurricane Engineering & Testing, Inc., Test Report No.

   HETI-08-2016, dated 01/15/08, signed and sealed by Candido F. Font, P.E.

   (Submitted under NOA No. 08-0527.18)
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA’s (CONTINUED)

B. TESTS (CONTINUED)

5. 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) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
   along with marked-up drawings and installation diagram of an aluminum single hung fin window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-07-4324, dated 01/15/08, signed and sealed by Candido F. Font, P.E.
   (Submitted under NOA No. 08-0527.18)

6. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
   2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
   along with marked-up drawings and installation diagram of an aluminum single hung fin window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-07-4325, dated 01/15/08, signed and sealed by Candido F. Font, P.E.
   (Submitted under NOA No. 08-0527.18)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, dated 05/16/08 and 07/07/08, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
   (Submitted under NOA No.12-0127.13)

2. Glazing complies with ASTM E1300-04/09

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 17-1114.14 issued to Kuraray America, Inc. for their “Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers” dated 01/18/18, expiring on 07/08/19.

2. Notice of Acceptance No. 17-0712.05 issued to Eastman Chemical Company (MA) for their “Saflex Clear and Color Glass Interlayers” dated 09/07/17, expiring on 05/21/21.
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA’s (CONTINUED)

F. STATEMENTS

   *(Submitted under NOA No. 17-1212.18)*

   *(Submitted under NOA No. 17-1212.18)*

3. Department of State Certification of LAWSON INDUSTRIES, INC. as a for profit corporation, active and organized under the laws of the State of Florida, dated 04/11/14 and filed at the Secretary of State.
   *(Submitted under NOA No. 14-0908.09)*

4. Notification of Successor Engineer for manufacturer’s NOA document per Section 61G15-27.001 of the Florida Administrative Code, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to the NOA No. 08-0527.18, dated 02/27/09, signed and sealed by Thomas J. Sotos, P.E.
   *(Submitted under NOA No. 12-0127.13)*

5. Laboratory compliance letter for Test Reports No. HETI-08-2083, HETI-08-2084, HETI-08-2015, HETI-08-2016, HETI-07-4324 and HETI-07-4325, all issued by Hurricane Engineering & Testing, Inc., dated from 01/15/08 through 03/14/08, signed and sealed by Candido F. Font, P.E.
   *(Submitted under NOA No. 08-0527.18)*

6. Proposal No. 07-2527 issued by the Product Control, dated 03/29/07, signed by Manuel Perez, P.E.
   *(Submitted under NOA No. 08-0527.18)*

G. OTHERS

1. Notice of Acceptance No. 17-1212.18, issued to Lawson Industries, Inc. for their Series “SH-7800 (Fin Frame)” Aluminum Single Hung Window – L.M.I., approved on 02/08/18 and expiring on 11/06/18.
Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED
A. DRAWINGS
1. Drawing No L7800-0801, titled “Series-7800 Single Hung Fin Frame Impact Window”, sheets 1 through 4 of 4, dated 03/31/08, with revision E dated 07/31/20, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.

B. TESTS
1. None

C. CALCULATIONS
1. None.

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

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 19-0305.02 issued to Kuraray America, Inc. for their “Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers” dated 05/09/19, expiring on 07/08/24.
2. Notice of Acceptance No. 20-0622.01 issued to Eastman Chemical Company (MA) for their “Saflex PVB Clear and Color Glass Interlayers” dated 08/06/20, expiring on 05/21/21.

F. STATEMENTS

G. OTHERS
1. Notice of Acceptance No. 18-0911.07, issued to Lawson Industries, Inc. for their Series “SH-7800 (Fin Frame)” Aluminum Single Hung Window – L.M.I., approved on 10/11/18 and expiring on 11/06/23.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 20-0813.08
Expiration Date: November 06, 2023
Approval Date: October 08, 2020
SERIES-7800 SINGLE HUNG IMPACT WINDOW – FIN FRAME

General Notes:


2.) 2 X WOOD BUCKS SHALL BE INSTALLED AND ANCHORED SO THAT THE BUILDING RESISTS THE SUPERIMPOSED LOADS IN ACCORDANCE WITH REQUIREMENTS OF F.B.C. & TO BE REVIEWED BY BUILDING OFFICIAL.

3.) ANCHORS SHOWN ABOVE ARE AS PER TEST UNITS. ANCHORS ON ALL WINDOW SIZES ARE NOT TO EXCEED THESE MAXIMUM SPACINGS ON CENTER (O.C.).

4.) ANCHOR CONDITIONS NOT DESCRIBED IN THESE DRAWINGS ARE TO BE ENGINEERED ON A SITE SPECIFIC BASIS, UNDER SEPARATE APPROVAL AND TO BE REVIEWED BY BUILDING OFFICIAL.

5.) WINDOWS ARE QUALIFIED FOR USE WITH SINGLE GLAZE LAMINATED GLASS TYPES TABULATED HEREIN (SEE SHEET #3).

6.) WINDOWS ARE QUALIFIED FOR USE WITH DOUBLE GLAZE LAMINATED INSULATED GLASS TYPES TABULATED HEREIN (SEE SHEET #3).

7.) SEE SHEET 3 FOR LOCK DETAILS & OPTIONS.

8.) SEE SHEET 3 FOR GLAZING DETAILS & OPTIONS AND DESIGN PRESSURES.

9.) WOOD OPENING SHALL BE PROTECTED WITH AN APPROVED MOISTURE RESISTANT WEATHERBARRIER (BY OTHERS), PRIOR TO WINDOW INSTALLATION. (SEE SHEET #1 FOR DETAIL)

10.) MATERIALS INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.

11.) EXT. & INT. FALSE COLONIAL MUNTINGS ARE OPTIONAL & ARE APPLIED W/ SILICONE

WINDOW INSTALLATION NOTES:

1. THE WINDOW OPENING MUST BE PROTECTED WITH A CODE APPROVED FELT OR MOISTURE/WEATHER BARRIER, APPROX. 12" WIDE THROUGHOUT ENTIRE PERIMETER OF THE WINDOW MOUNTING FIN (NOT BY LAWSON INDUSTRIES)

2. THE WINDOW FRAME FIN TO BE BACK-BEDED W/ AN EXT. GRADE CAULK THROUGHOUT THE ENTIRE PERIMETER OF FIN BY WINDOW INSTALLER (TYPE)  

3. THE EXPOSED EXT. PERIMETER OF THE WINDOW FRAME TO BE SEALED W/ AN APPROVED EXTERIOR GRADE CAULK BY OTHERS (TYPE)

WINDOW INSTALLATION DETAIL
NOTE:
ALL ANCHORS TO BE #12 SMS OR W/D. SCREW WITH A MINIMUM OF 1 1/2" PENETRATION INTO WOOD. REFER TO WINDOW ELEVATIONS ON SHEET 1 FOR MAX. ALLOWABLE ANCHOR SPACING.
* WHEN THE GAP BETWEEN THE WINDOW FRAME AND THE BRICK IS LESS THAN 1/8", SHIMS ARE NOT REQUIRED.
## 7800 FIN IMPACT SINGLE HUNG WINDOW - EQUAL LITE

<table>
<thead>
<tr>
<th>CODE</th>
<th>SIZE</th>
<th>Width (in)</th>
<th>Height (in)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>18.125</td>
<td>25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>13</td>
<td>18.125</td>
<td>25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>14</td>
<td>18.125</td>
<td>57.125</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>14-5</td>
<td>18.125</td>
<td>62</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>15</td>
<td>18.125</td>
<td>62</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>16</td>
<td>18.125</td>
<td>73.25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>H32</td>
<td>25.5</td>
<td>25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>H33</td>
<td>25.5</td>
<td>37.375</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>H34</td>
<td>25.5</td>
<td>49.625</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>H35</td>
<td>25.5</td>
<td>57.125</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>H36</td>
<td>25.5</td>
<td>73.25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>22</td>
<td>36</td>
<td>25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>23</td>
<td>36</td>
<td>37.375</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>24</td>
<td>36</td>
<td>49.625</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>24-5</td>
<td>36</td>
<td>57.125</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>25</td>
<td>36</td>
<td>62</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>26</td>
<td>36</td>
<td>73.25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>32</td>
<td>52.125</td>
<td>25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>33</td>
<td>52.125</td>
<td>37.375</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>34</td>
<td>52.125</td>
<td>49.625</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>34-5</td>
<td>52.125</td>
<td>57.125</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>35</td>
<td>52.125</td>
<td>62</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>36</td>
<td>52.125</td>
<td>73.25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
</tbody>
</table>

**Note:** (*) WINDOWS WITH GLASS TYPES "4" & "5" INSTALLED ABOVE 30'FT IN THE HVHZ, THE I.G. EXTERIOR LITE SHALL BE TEMPERED.

---

## 7800 FIN IMPACT SINGLE HUNG - VIEW WINDOW

<table>
<thead>
<tr>
<th>CODE</th>
<th>SIZE</th>
<th>Width (in)</th>
<th>Height (in)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
<th>P(+/-) (psf)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>18.125</td>
<td>49.625</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>15</td>
<td>18.125</td>
<td>62</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>16</td>
<td>18.125</td>
<td>73.25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>H34</td>
<td>25.5</td>
<td>49.625</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>H35</td>
<td>25.5</td>
<td>57.125</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>H36</td>
<td>25.5</td>
<td>73.25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>24-5</td>
<td>36</td>
<td>57.125</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>25</td>
<td>36</td>
<td>62</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>26</td>
<td>36</td>
<td>73.25</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>34-5</td>
<td>52.125</td>
<td>57.125</td>
<td>60</td>
<td>60</td>
<td>60</td>
<td>46</td>
<td>46</td>
<td>46</td>
</tr>
</tbody>
</table>

---

### LOCK (LATCH AND SWEEP) OPTIONS

1. BOTH EXTRUDED ALUMINUM AND PLASTIC LIFT HANDLE LOCKS ARE REQUIRED FOR USE ON ALL WINDOWS.
2. BOTH DIE CAST AND NYLON CAM LOCKS ARE REQUIRED FOR USE ON ALL WINDOWS.
3. ONLY TWO (2) LOCKS ARE REQUIRED PER EACH VENT.

---

### LAMINATED GLASS COMPOSITION - Type 1 & Type 2

<table>
<thead>
<tr>
<th>ITEM</th>
<th>GLASS DESCRIPTION</th>
<th>DETAIL</th>
<th>LAMINATE DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/8&quot; HEAT-STRENGTHENED GLASS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2/8&quot; HEAT-STRENGTHENED GLASS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LAMINATED GLASS COMPOSITION - Type 3

<table>
<thead>
<tr>
<th>ITEM</th>
<th>GLASS DESCRIPTION</th>
<th>DETAIL</th>
<th>LAMINATE DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/8&quot; ANNEALED GLASS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2/8&quot; ANNEALED GLASS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### LAMINATED GLASS COMPOSITION - Type 4

<table>
<thead>
<tr>
<th>ITEM</th>
<th>GLASS DESCRIPTION</th>
<th>DETAIL</th>
<th>LAMINATE DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/8&quot; ANNEALED GLASS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2/8&quot; ANNEALED GLASS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### INSULATED LAMINATED GLASS COMPOSITION - Type 4

<table>
<thead>
<tr>
<th>ITEM</th>
<th>GLASS DESCRIPTION</th>
<th>DETAIL</th>
<th>LAMINATE DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/8&quot; ANNEALED GLASS, 1/8&quot; GLASS</td>
<td></td>
<td>SAFLEX PVB by Eastman Chemical Co.</td>
</tr>
<tr>
<td>2</td>
<td>2/8&quot; ANNEALED GLASS, 2/8&quot; GLASS</td>
<td></td>
<td>SAFLEX PVB by Eastman Chemical Co.</td>
</tr>
</tbody>
</table>

### INSULATED LAMINATED GLASS COMPOSITION - Type 5

<table>
<thead>
<tr>
<th>ITEM</th>
<th>GLASS DESCRIPTION</th>
<th>DETAIL</th>
<th>LAMINATE DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/8&quot; HEAT-STRENGTHENED GLASS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>2/8&quot; HEAT-STRENGTHENED GLASS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

### Laminate Types & Options

1) 2/8" PVB by Kuraray America Inc.
2) SAFLEX PVB by Eastman Chemical Company

---

**GLAZING DETAILS, OPTIONS AND DESCRIPTION**