Lawson Industries, Inc.
8501 NW 90th 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 "SDG—9200" Aluminum Sliding Glass Door (Steel reinforced)—L.M.I.

APPROVAL DOCUMENT: Drawing No. L9200-1201 Rev C, titled “Series SGD—9200 Aluminum Sliding Glass Door (LMI)”, sheets 01 through 14 of 14, prepared by manufacture, dated 09/25/12 and last revised on NOV 21, 2017, signed and sealed by Thomas J. Soto, P. E., bearing the Miami-Dade County Product Control Section 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
1. See Design Pressure (DP) Vs door size, glass type, reinforcements, sill type and configuration in sheets 2, sheet 5 and sheet 8.
2. See pocket installation detail in sheet 11 and notes #15 and #16 in sheet 1.
3. Applicable Egress requirements to be reviewed by AHJ.

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 & renews NOA #14-0908.02 and consists of this page 1 and evidence pages E-1, E-2, E-3, E-4 and E-5, 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 in previous files

A. DRAWINGS
1. Manufacturer's die drawings and sections.
   (Submitted under previous NOA No. 12-1204.12)
2. Drawing No. L9200–1201, titled "Series SGD–9200 Aluminum Sliding Glass Door (LMI)", sheets 01 through 14 of 14, prepared by manufacture, dated 09/25/12, with the latest revision "B", dated 04/15/15, signed and sealed by Thomas J. Soto, P.E.

B. TESTS
1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202–94 along with marked-up drawings and installation diagram of an Aluminum SGD, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.’s HETI–11–3269, dated 05/16/11, HETI–11–3292, dated 10/20/11, HETI–11–3274, dated 10/20/11, HETI–11–3329, dated 01/16/12, HETI–12–4040, dated 10/12/12, HETI–12–4051, dated 06/13/12, HETI–12–4053 and HETI–12–4064, dated 09/24/12, all signed and sealed by Rafael E. Droz–Seda, P.E.
   (Submitted under previous NOA No. 12–1204.12)
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 Sliding Glass Door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.’s HETI–11–3270, dated 05/16/11, HETI–11–3275, dated 10/20/11, HETI–11–3307, dated 10/03/11, HETI–11–3314, dated 10/20/11, HETI–11–3330, dated 01/16/12, HETI–12–4052, dated 07/10/12, HETI–12–4054 and HETI–12–4065, dated 09/24/12, all signed and sealed by Rafael E. Droz–Seda, P.E.
   (Submitted under previous NOA No. 12–1204.12)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202–94
   2) Large Missile Impact Test per FBC, TAS 201–94
   3) Cyclic Wind Pressure Loading per FBC, TAS 203–94
   along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI–12–4041, dated 10/12/12, signed and sealed by Rafael E. Droz–Seda, P.E.
   (Submitted under previous NOA No. 12–1204.12)
4. 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
   along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Hurricane Engineering & Testing, Inc., Test Reports No.’s HETI–11–3291, dated 07/15/11 and HETI–11–3292, dated 10/20/11, both signed and sealed by Rafael E. Droz–Seda, P.E.
   (Submitted under previous NOA No. 12–1204.12)

[Signature]
Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 17–1212.05
Expiration Date: February 13, 2023
Approval Date: January 25, 2018
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) Large Missile Impact Test per FBC, TAS 201–94
   5) Cyclic Wind Pressure Loading per FBC, TAS 203–94
   6) Forced Entry Test, Type “C” sliding door, Grade 10, per FBC 2411.3.2.1, TAS 202–94 and per ASTM F 842–04

   along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HET1–11–3313, dated 10/20/11, signed and sealed by Rafael E. Droz–Seda, P. E.
   (Submitted under previous NOA No. 12–1204.12)

6. 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, Type “C” sliding door, Grade 10, per FBC 2411.3.2.1, TAS 202–94 and per ASTM F 842–04

   along with marked-up drawings and installation diagram of an Aluminum Sliding Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.’s FTL–3078, dated 01/10/02, signed and sealed by Luis Figueredo, P.E.; FTL–3525 and FTL–3572, dated 09/09/02, both signed and sealed by Joseph C. Chan, P. E.; FTL–3424, dated 04/18/02, FTL–3425, dated 04/29/02, FTL–3426, dated 04/26/02, FTL–3492, dated 06/20/02, FTL–3493, dated 06/24/02 and FTL–3516, dated 07/12/02, all signed and sealed by James G. Worth, P. E.
   (Submitted under previous NOA No. 02–1126.04)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, prepared by manufacture, dated 04/28/15, signed and sealed by Thomas J. Soto, P. E.

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. 14–0916.10 issued to Kuraray America, Inc. for their “Kuraray PVB Glass Interlayer”, expiring on 12/11/16.

2. Notice of Acceptance No. 14–0916.11 issued to Kuraray America, Inc. for their “Kuraray SentryGlas® Interlayer”, expiring on 01/14/17.

3. Notice of Acceptance No. 14–0423.15 issued to Eastman Chemical Company (MA) for their “Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core” dated 06/19/14, expiring on 12/11/18.

Ishad I. Chanda, P. E.
Product Control Examiner
NOA No. 17–1212.05
Expiration Date: February 13, 2023
Approval Date: January 25, 2018

E–2
NOTICE OF ACCEPTANCE:  EVIDENCE SUBMITTED

F. MATERIAL CERTIFICATIONS
5. Notice of Acceptance No. 14–0916.11 issued to Kuraray America, Inc. for their “Kuraray SentryGlas® Interlayer”, expiring on 01/14/17.
6. Notice of Acceptance No. 14–0423.15 issued to Eastman Chemical Company (MA) for their “Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core” dated 06/19/14, expiring on 12/11/18.
7. Notice of Acceptance No. 14–0423.16 issued to Eastman Chemical Company (MA) for their “Saflex HP Clear or Color Glass Interlayers” dated 06/19/14, expiring on 04/14/18.
8. Notice of Acceptance No. 14–0423.17 issued to Eastman Chemical Company (MA) for their “Saflex Clear and Color Glass Interlayers” dated 06/19/14, expiring on 05/21/16.

G. STATEMENTS
1. Statement letter of conformance to and complying with FBC 5th Edition (2014), issued by manufacturer, dated 09/02/14, signed and sealed by Thomas J. Sotos, P. E.
2. Statement letters of no financial interest, independence, conformance and complying with FBC–2010, issued by manufacturer, dated 12/03/12, signed and sealed by Thomas J. Soto, P. E. (Submitted under previous NOA No. 12–1204.12)


[Signature]
Ishfaq I. Chanda, P. E.
Product Control Examiner
NOA No. 17–1212.05
Expiration Date: February 13, 2023
Approval Date: January 25, 2018

E–3
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)
(Submitted under previous NOA No. 12–1204.12)
5. Proposal issued by Product Control, dated 03/30/12, signed by Jaime D. Gascon, P. E.
6. (Submitted under previous NOA No. 12–1204.12)
7. Proposal issued by Product Control, dated 03/13/08, signed by Ishaq Chanda, P. E.
(Submitted under previous NOA No. 11–0518.03)
8. Laboratory compliance letters issued by Fenestration Testing Laboratory, Inc., for Test Reports No.'s FTL–3078, dated 01/10/02, signed and sealed by Luis Figueroedo, P.E.
(Submitted under previous NOA No. 02–1126.04)
9. Laboratory compliance letters issued by Fenestration Testing Laboratory, Inc., for Test Reports No.'s FTL–3525 and FTL–3572, dated 09/09/02, both signed and sealed by Joseph C. Chan, P. E.
(Submitted under previous NOA No. 02–1126.04)
10. Laboratory compliance letters issued by Fenestration Testing Laboratory, Inc., for Test Reports No.'s FTL–3424, dated 04/18/02, FTL–3425, dated 04/29/02, FTL–3426, dated 04/26/02, FTL–3492, dated 06/20/02, FTL–3493, dated 06/24/02 and FTL–3516, dated 07/12/02, all signed and sealed by James G. Worth, P. E.
(Submitted under previous NOA No. 02–1126.04)

G. OTHERS
1. Notice of Acceptance No. 12–1204.12, issued to Lawson Industries, Inc. for their Series “SGD–9200 Aluminum Sliding Glass Door – L.M.I.”, approved on 01/31/13 and expiring on 02/13/18.

1. New Evidence submitted.

A. DRAWINGS

Note: This revision consist of editorial changes of FBC 2017 (6th Edition) code compliance.

B. Test
1. None.

[Signature]
Ishaq Il Chanda, P. E.
Product Control Examiner
NOA No. 17–1212.05
Expiration Date: February 13, 2023
Approval Date: January 25, 2018

E – 4
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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. 14-0916.11 issued to Kuraray America, Inc. (Former E.I. DuPont DeNemours) for the "Sentry Glass ® clear & white interlayer", expiring on 07/04/18.
   2. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their "Trosifol ® Ultraclear, Clear and Color PVB Glass Interlayers", expiring on 07/08/19.

F. STATEMENTS
   1. Statement letter of conformance to FBC 2017 (6th Edition) and "No financial interest" dated 11/17/17, prepared by the manufacturer, signed and sealed by Thomas J. Sotos, P.E.

G. OTHER
   1. This NOA revises & renews#14-0908.02, expiring 02/13/23.

Ishâq I. Chanda, P. E.
Product Control Examiner
NOA No. 17–1212.05
Expiration Date: February 13, 2023
Approval Date: January 25, 2018
SERIES: SGD-9200

IMPACT SLIDING GLASS DOOR

General Notes:
2. WOOD BUCKS SHALL BE INSTALLED AND ANCHORED SO THAT THE BUILDING RESISTS THE SUPERIMPOSED LOADS IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE & TO BE REVIEWED BY BUILDING OFFICIAL.
3. ANCHORS SHOWN ABOVE ARE AS FOR TEST UNITS. ANCHORS ON ALL DOOR SIZES ARE NOT TO EXCEED THESE MAXIMUM SPACINGS ON CENTER (O.C.) AND AS TABULATED ON SHEETS 2, 5, 8 & 14.
4. ANCHOR CONDITIONS NOT DESCRIBED IN THESE DRAWINGS ARE TO BE ENGINEERED ON A SITE SPECIFIC BASIS. UNLESS SEPARATE APPROVAL AND TO BE REVIEWED BY BUILDING OFFICIAL.
5. A LOAD DURATION IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
6. DOORS QUALIFIED FOR USE W/ SINGLE GLAZE H.S. LAMINATED GLASS TYPES TABULATED HEREIN (REF SHEETS # 2, 5 & 8).
7. FOR Optional FRAME INSTALLATION SEE SHEETS 3, 4, 6, 7, 9, 10, & 11, OF 14.
8. EXT. & INT. FALSE COLONIAL MUNITIONS ARE OPTIONAL & TO BE APPLIED W/ SILICONE.
9. WOOD BUCKS IN CONTACT WITH CONCRETE MUST BE PRESSURE TREATED AND ANCHORED (BY OTHERS). PRIOR TO DOOR INSTALLATION. WOOD BUCKS TO BE ANCHORED IN COMPLIANCE WITH THE FLORIDA BUILDING CODE CHAPTER 24.
10. APPROVAL APPLIES TO TWO TRACKS AND THREE TRACK DOORS WITH FIXED PANELS. ALL MOVING PANELS, INCLUDING WITH OR WITHOUT (LI-RI) POCKETS.
11. MULLING DOORS WITH OTHER TYPES OF MIAMI-DADE COUNTY APPROVED PRODUCTS USING A MIAMI-DADE COUNTY APPROVED MULLION IN BETWEEN ARE ACCEPTABLE BUT THE LOWER DESIGN PRESSURE FROM THE DOORS ON MULLION APPROVAL WILL APPLY TO THE ENTIRE MULLED SYSTEM.
12. FOR METAL ATTACHMENT DETAILS & NOTES SEE SHEETS # 3, 4, 6, 7, 9, 10, & 11 OF 14.
13. ALL METAL/SWING IN CONTACT WITH ALUMINUM OR OTHER RESILIENT MATERIALS TO BE PAINTED OR STAIN AND SHALL MEET THE FLORIDA BUILDING CODE.
14. DOOR REQUIREMENTS ARE AS SHOWN ON SHEET 8 OF 14. REFER TO SHEET 11 OF 14 FOR ADDITIONAL DETAILS.
15. DOOR WALLS ARE NOT PART OF THIS APPROVAL.
16. DOOR WALLS SHALL BE UNDER SEPARATE APPROVAL AND TO BE REVIEWED BY THE ENGINEER OF RECORD (EOR).

LAMINATED GLASS

LARGE MISSILE IMPACT

DOORS GLAZED W/ LAMINATED GLASS RATED FOR
LARGE MISSILE IMPACT AND REQUIRE NO SHUTTERS.
### DESIGN LOAD CAPACITY - PSF (STD. 2 1/4" SILL)

<table>
<thead>
<tr>
<th>NOMINAL DOOR SIZES</th>
<th>HEIGHT</th>
<th>CLASS TYPE 'A'</th>
<th>CLASS TYPE 'B'</th>
<th>CLASS TYPE 'C'</th>
<th>CLASS TYPE 'D'</th>
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</thead>
<tbody>
<tr>
<td>WIDTH FT./IN.</td>
<td></td>
<td>EX. (+) INT. (-)</td>
<td>EX. (+) INT. (-)</td>
<td>EX. (+) INT. (-)</td>
<td>EX. (+) INT. (-)</td>
</tr>
<tr>
<td>5/0 (NO STEEL)</td>
<td>6/8</td>
<td>56.7 95.0 56.7 65.0 56.7 85.0 56.7 75.0</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>6/0 (NO STEEL)</td>
<td>6/8</td>
<td>56.7 95.0 56.7 65.0 56.7 85.0 56.7 75.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8/0 (WITH STEEL)</td>
<td>6/8</td>
<td>56.7 85.0 56.7 70.0 56.7 78.8 56.7 68.8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8/0 (WITH STEEL)</td>
<td>8/0</td>
<td>56.7 65.0 56.7 65.0 X X X X</td>
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<td></td>
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</tbody>
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### DESIGN LOAD CAPACITY - PSF (WITH 3" SILL RISER)

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<th>HEIGHT</th>
<th>CLASS TYPE 'A'</th>
<th>CLASS TYPE 'B'</th>
<th>CLASS TYPE 'C'</th>
<th>CLASS TYPE 'D'</th>
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<tr>
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<tr>
<td>8/0 (WITH STEEL)</td>
<td>8/0</td>
<td>65.0 65.0 65.0 65.0 X X X X</td>
<td></td>
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</tbody>
</table>

### NOTES:
1. REFER TO SHEETS 3 & 4 OF 14 FOR TYPICAL CROSS-SECTION DETAILS.
2. REFER TO SHEETS 3 OF 14 FOR TYPICAL ANCHORS AND NOTES.
NOTES:
1) REFER TO SHEET 5 OF 14 FOR GLAZING OPTIONS AND DP CHARTS.
2) REFER TO SHEET 8 OF 14 FOR VERTICAL CROSS-SECTION DETAILS.
3) REFER TO SHEET 6 OF 14 FOR TYPICAL ANCHORS AND NOTES.
4) REFER TO SHEET 6 OF 14 FOR MAX. ANCHOR SPACING.

EXTERIOR

4D/2T - OXXO
DOOR WIDTH

3D/2T - OXO
DOOR WIDTH
POCKET DOOR HOOK ATTACHMENT DETAILS

1. FOR ANCHOR TYPES SEE NOTES AT SHEETS A.6 & A.9.
2. FOR POCKET WALLS SEE GENERAL NOTES #15 & 16 AT SHEET 1 OF 14.

**INTERIOR**

TYPICAL ANCHORS AT 8" O.C.
SEE ELEV. FOR SPACING

**EXTERIOR**

TYPICAL ANCHORS AT 8" O.C.
SEE ELEV. FOR SPACING

**PRODUCT REVIEW**

Compliance with the Florida Building Code

Alternatives:

- No compliant with the Florida Building Code

Acceptance Date: 12/2/2005

**Specifications:**

- Material: Aluminum
- Finish: Anodized

**Physical Properties:**

- Ultimate Tensile Strength: 120,000 PSI
- Ultimate Elongation: 55%