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 “4200/6200 Flange-Frame” Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. L4200-6200-1201, titled “Series-4200-6200 Flange Frame Impact Fixed Window”, sheets 1 through 5 of 5, dated 02/21/12, with revision D dated 04/10/20, prepared by manufacturer, 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. 17-1212.13 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 Manuel Perez, P.E.
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. 12-0307.06)
2. Drawing No. L4200-6200-1201, titled “Series-4200-6200 Flange Frame Impact Fixed Window”, sheets 1 through 5 of 5, dated 02/21/12, with revision C dated on 11/01/17, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.  
   (Submitted under NOA No. 17-1212.13)

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 arch and a rectangular fin-frame fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. HETI-12-4010 and HETI-11-3363, both dated 03/05/12, signed and sealed by Rafael Droz-Seda, P.E.  
   (Submitted under NOA No. 12-0307.06)
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 a rectangular, a circular arch and an elliptical arch fin-frame fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. HETI-09-2614 dated 09/04/09, HETI-09-2612 dated 09/02/09, HETI-09-2586 dated 07/10/09, HETI-09-2584 dated 07/10/09, HETI-09-2582 dated 07/10/09, and HETI-09-2580 dated 07/10/09, all signed and sealed by Candido F. Font, P.E.  
   (Submitted under NOA No. 12-0307.06)
3. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
   along with marked-up drawings and installation diagram of a rectangular fin-frame fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. HETI-09-2613 dated 09/04/09, HETI-09-2611 dated 09/04/09, HETI-09-2585 dated 07/10/09, HETI-09-2581 dated 07/10/09 and HETI-09-2579 dated 07/10/09, all signed and sealed by Candido F. Font, P.E.  
   (Submitted under NOA No. 12-0307.06)
4. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
   along with marked-up drawings and installation diagram of a rectangular fin-frame fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. HETI-03-1778 dated 01/30/03, HETI-03-1779 dated 01/30/03 and HETI-03-1776 dated 01/30/03, all signed and sealed by Rafael Droz-Seda, P.E.  
   (Submitted under NOA No. 03-0327.11)
B. TESTS (CONTINUED)

5. 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 a rectangular, a circular arch and an elliptical arch fin-frame fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. HETI-03-1777 dated 01/30/03, HETI-03-1774A dated 01/30/03, and HETI-03-1774B dated 01/30/03, all signed and sealed by Rafael Droz-Seda, P.E.
   (Submitted under NOA No. 03-0327.11)

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
   along with marked-up drawings and installation diagram of a circular arch fin-frame fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. HETI-02-1215 dated 04/08/02 and HETI-01-1193 dated 04/08/02, both signed and sealed by Hector Medina, P.E.
   (Submitted under NOA No. 02-0701.01)

7. 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 a rectangular, a circular arch and an elliptical arch fin-frame fixed window, prepared by Hurricane Engineering & Testing, Inc., Test Reports No. HETI-02-1158 dated 04/08/02, HETI-01-1103 dated 02/12/02, and HETI-01-1098 dated 02/11/02, all signed and sealed by Hector Medina, P.E.
   (Submitted under NOA No. 02-0701.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, prepared by manufacturer, dated 03/01/12, signed and sealed by Thomas J. Sotos, P.E.
   (Submitted under NOA No. 12-0307.06)

2. Glazing complies with ASTM E1300-04/09

D. QUALITY ASSURANCE

1. Miami–Dade Department of Regulatory and Economic Resources (RER).
Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS
1. Notice of Acceptance No. 16-1117.01 issued to Kuraray America, Inc. for their “Trosifol® Ultraclear, Clear, and Color PVB Interlayers” dated 01/19/17, expiring on 07/08/19.
2. Notice of Acceptance No. 14-0916.11 issued to Kuraray America, Inc. for their “SentryGlas® (Clear and White) Interlayer” dated 06/25/15, expiring on 07/04/18.
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.

F. STATEMENTS
2. Statement letter dated 01/22/18 of the editorial drawing changes issued by Lawson Inc, signed by Nelson Erazo, Senior Design Engineer. (Submitted under NOA No. 17-1212.13)
3. Laboratory compliance letter for Test Reports No. HETI-09-2614 dated 09/04/09, HETI-09-2612 dated 09/02/09, HETI-09-2586 dated 07/10/09, HETI-09-2584 dated 07/10/09, HETI-09-2582 dated 07/10/09, HETI-09-2580 dated 07/10/09, HETI-09-2613 dated 09/04/09, HETI-09-2611 dated 09/04/09, HETI-09-2585 dated 07/10/09, HETI-09-2581 dated 07/10/09 and HETI-09-2579 dated 07/10/09, all issued by Hurricane Engineering & Testing, Inc., signed and sealed by Candido F. Font, P.E. (Submitted under NOA No. 12-0307.06)
4. Laboratory compliance letter for Test Reports No. HETI-12-4010 dated 03/05/12, HETI-11-3363 dated 03/05/12, HETI-03-1778 dated 01/30/03, HETI-03-1779 dated 01/30/03, HETI-03-1776 dated 01/30/03, HETI-03-1777 dated 01/30/03, HETI-03-1774A dated 01/30/03 and HETI-03-1774B dated 01/30/03, all issued by Hurricane Engineering & Testing, Inc., signed and sealed by Rafael Droz-Seda, P.E. (Submitted under NOA No. 12-0307.06)

G. OTHERS
1. Notice of Acceptance No. 17-0531.05 issued to Lawson Industries, Inc. for their Series “4200/6200 Flange - Frame” Aluminum Fixed Window – L.M.I., approved on 08/17/17 and expiring on 08/22/22.
Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED
A. DRAWINGS
1. Drawing No. L4200-6200-1201, titled “Series-4200-6200 Flange Frame Impact Fixed Window”, sheets 1 through 5 of 5, dated 02/21/12, with revision D dated on 04/10/20, prepared by manufacturer, signed and sealed by Thomas J. Sotos, 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 Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of a series 4200/6200 aluminum fixed window, glazed with \( \frac{7}{16} \) HS laminated glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-12021, dated 03/20/20, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

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. 18-0725.11 issued to Kuraray America, Inc. for their “Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer” dated 05/23/19, expiring on 05/23/24.
3. Notice of Acceptance No. 18-0301.06 issued to Eastman Chemical Company (MA) for their “Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core” dated 05/17/18, expiring on 12/11/23.

[Signature]
Manuel Pérez, P.E.
Product Control Examiner
NOA No. 20-0428.01
Expiration Date: August 22, 2022
Approval Date: June 25, 2020
Lawson Industries, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED (CONTINUED)

F. STATEMENTS
2. Statement letter of no financial interest, dated April 17, 2020, issued by manufacturer, signed and sealed by Thomas J. Sotos, P.E.
3. Proposal No. 19-1138 issued to Lawson Industries, Inc. by the Product Control Section, dated October 18, 2019, signed by Ishaq Chanda, P.E.

G. OTHERS
1. Notice of Acceptance No. 17-1212.13, issued to Lawson Industries, Inc. for their Series “4200/6200 Flange - Frame” Aluminum Fixed Window – L.M.I., approved on 02/01/18 and expiring on 08/22/22.
SERIES-4200 / 6200 FIXED IMPACT WINDOW – PLANGE FRAME

APPROVED WINDOW ELEVATIONS (L.M.IMPACT)

- Quarter Round Elevation
- Half Round Typical Elevation
- Arched Picture Window
- Hexagon Typical Elevation
- Rectangular Typical Elevation
- Square Picture Window Elevation
- Round Typical Elevation
- Legged Eyebrow Elevation
- Quarter Round Elevation
- Octagon Typical Elevation

TYPICAL ELEVATION TESTED UNIT

NOTE:
MAXIMUM GLASS AREA TESTED APPLIES TO GLASS TYPES: E, F, K AND L – SEE DESIGN LOAD CAPACITY TABLES ON SHEET 4 FOR SIZE LIMITATIONS OF EACH GLASS TYPE.

General Notes:


2. WOOD BUCKS SHALL BE INSTALLED AND ANCHORED SO THAT THE BUILDING RESISTS THE SUPERIMPOSED LOADS IN ACCORDANCE WITH THE 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 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, AND FOR USE WITH DOUBLE GLAZE LAMINATED INSULATED GLASS TYPES TABULATED HEREBIN; (SEE SHEET #3 FOR GLASS TYPES AND SHEET #4 FOR MAX. DESIGN PRESSURES).

6. WINDOWS WITH GLASS TYPES “H, C, F, O, G” INSTALLED ABOVE 30FT. IN THE HVHZ, THE IG. EXTERIOR LITE SHALL BE TEMPERED TO COMPLY WITH THE SMALL MISSILE IMPACT RESISTANCE REQUIREMENTS (FBC-CHAPTER 24 Section 2411.3.3.7).

7. FOR OPTIONAL FRAME INSTALLATION DETAILS SEE SHEETS 2 & 5.

8. EXT & INT. FALSE COLONIAL MUNTINS ARE OPTIONAL & ARE APPLIED W/ SILICONE.

9. WOOD BUCKS IN CONTACT WITH CONCRETE MUST BE PRESSURE TREATED AND ANCHORED (BY OTHERS), PRIOR TO WINDOW INSTALLATION. (SEE SHEET #2 FOR DETAIL & NOTES)

10. APPROVAL APPLIES TO SIMPLE UNITS OR SIDE BY SIDE MULLED UNITS.

11. MULLING FIXED WINDOWS 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 WINDOWS OR MULLION APPROVAL WILL APPLY TO THE ENTIRE MULLED SYSTEM.

12. SEE SHEET # 5 FOR MULLION/METAL ATTACHMENT DETAILS & OPTIONS.
WOOD FRAME INSTALLATION DETAIL

PRODUCT REVISED

In compliance with the Florida Building Code

NOA No.: 20-0428.01
Expiration Date: 06/22/2022
By: Moved to Product General

WINDOW INSTALLATION NOTES:

1. THE WINDOW FRAME FLANGE TO BE BACK-BEDDED W/ AN EXT. GRADE CAULK THROUGHOUT THE ENTIRE PERIMETER OF FLANGE W/ A BACKING MATERIAL INSIDE (TYPE)

2. THE EXPOSED EXT. PERIMETER OF THE Window FRAME TO BE CAULKED AND SEALED W/ AN APPROVED EXT. GRADE CAULK BY OTHERS (TYPE)

3. WOOD BUCK SPECIFIC GRADE = 800ksi

4. CONCRETE COMPRESSIVE STRENGTH = 80ksi

* WHEN THE GAP BETWEEN THE WINDOW FRAME AND THE BUCK OR MASONRY IS LESS THAN 1/8" TYPHES ARE NOT REQUIRED.

ANCHORS NOTE:

ANCHORS TO BE #14 SMS OR W. SCREWS INTO WOOD, OR 1/4" ITT BULLDOG TAPCONS OR ELCD ULTRACON CONC. FASTENERS INTO CONCRETE (2X2) MAX. WITH A MINIMUM OF 3 1/4" PENETRATION INTO WOOD OR CONC. AT 12" C.C. MAX.

* TAPCON YIELD STRENGTH Fy=100ksi
ULTIMATE STRENGTH Fu=125ksi
### 4200-6200 FIXED IMPACT WINDOW MODULAR SIZES CHART - DESIGN LOAD CAPACITY - PSF

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**Notes:**

1. SEE SHEET 3 FOR GLAZING TYPES, DETAILS & SILICONE OPTIONS.
2. WINDOWS WITH GLASS TYPES "B, C, P, OR G" INSTALLED ABOVE 30 FT. IN THE IVESL. THE I.C. EXTERIOR LITE SHALL BE TEMPERED TO COMPLY WITH THE SMALL MISSILE IMPACT RESISTANCE REQUIREMENTS (FSC-2014, Section 2411.3.5).
BILL OF MATERIALS

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FRAME CORNER & JOINT DETAILS

SEALANT:
FRAME CORNERS, OR JOINTS SEALED WITH A COLORED SEALANT AND PERIMETER OF GLAZING BEAD WITH CLEAR SILICONE

FRAME MULLING DETAIL

EXTERIOR GRADE PERIMETER CAULKING

METAL STRUCTURE ATTACHMENT DETAIL

PRODUCT REVISED
SC-181-21
May 2021
MANUFACTURER OF QUALITY ALUMINUM WINDOWS AND GLASS DOORS
NOA No.: 20-0428.01
Expiry Date: 06/22/2027
By: Maurizio Tui
Mixed-Use Product Control

JAWSON INDUSTRIES, INC.
10501 N.W. 92 ST. KENDALL, FL 33166
Phone: 305-462-6000 Fax: 305-462-1201
www.jawsonindustries.com

BILL OF MATERIALS EXTENSION DETAIL & CORNER ASSEMBLY DETAILS

FRAME HEAD/SILL/JAMB

GLAZING STOP (5/16" GLASS)

GLAZING STOP (7/16" GLASS)

INSULATED GLAZING STOP W/ 5/16" LAMINATED GLASS

INSULATED GLAZING STOP W/ 7/16" LAMINATED GLASS