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 “HS-8800 (Fin Frame)” Aluminum Horizontal Sliding Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. L8800-0801 titled “HS-8800 Horizontal Rolling Fin Impact Window”, sheets 1 through 5 of 5, dated 04/08/08 with revision E dated 07/31/20, 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. 18-0808.06 and consists of this page 1 and evidence pages E-1, E-2 and E-3, 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. 08-0701.03)
   2. Drawing No L8800-0801, titled “HS-8800 Horizontal Rolling Fin Impact Window”, sheets 1 through 5 of 5, dated 04/08/08, with revision “D” dated 11/01/17, prepared by manufacturer, and signed and sealed by Thomas J. Sotos, P.E.  
      (Submitted under NOA No. 17-1212.14)

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  
      along with marked-up drawings and installation diagram of an aluminum horizontal sliding window, prepared by Hurricane Engineering & Testing, Inc., Test Report No. HETI-07-4391, dated 02/28/08, signed and sealed by Candido F. Font, P.E.  
      (Submitted under NOA No.08-0701.03)
   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 aluminum horizontal sliding windows, all prepared by Hurricane Engineering & Testing, Inc., Test Reports No.’s: HETI-07-4392, dated 01/15/08; HETI-07-4393, dated 01/15/08; HETI-07-4395, dated 01/15/08; HETI-07-4394, dated 02/28/08 and HETI-08-2039, dated 01/30/08; all signed and sealed by Candido F. Font, P.E.  
      (Submitted under NOA No.08-0701.03)

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with FBC, dated 06/20/08, prepared by manufacturer, signed and sealed by Thomas J. Sotos, P.E.  
      (Submitted under NOA No.08-0701.03)
   2. Glazing complies with ASTM E1300-04/09

D. QUALITY ASSURANCE
   1. Miami-Dade Department of Regulatory and Economic Resources (RER).
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

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

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.

F. STATEMENTS


(Submitted under previous NOA No. 17-1212.14)

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 previous NOA No. 17-1212.14)

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. 14-0908.13)

4. Laboratory compliance letter for Test Reports No. HETI-07-4391, HETI-07-4392, HETI-07-4393, HETI-07-4394, HETI-07-4395 and HETI-08-2039, issued by Hurricane Engineering & Testing, Inc., dated 01/15/08 through 02/28/08, all signed and sealed by Candido F. Font, P.E.

(Submitted under NOA No. 08-0701.03)

G. OTHERS

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED
A. DRAWINGS
1. Drawing No L8800-0801, titled “HS-8800 Horizontal Rolling Fin Impact Window”, sheets 1 through 5 of 5, dated 04/08/08, with revision “E” dated 07/31/20, prepared by manufacturer, and 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. 18-0808.06, issued to Lawson Industries, Inc. for their Series “HS-8800 Fin Frame” Aluminum Horizontal Sliding Window – L.M.I., approved on 09/20/18 and expiring on 10/09/23.
General Notes:


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

3) ANCHORS SHOWN ABOVE ARE AS PER TEST UNITS. ON CENTER (O.C.) ANCHOR SPACINGS WILL VARY WITH UNIT DIMENSIONS, AND THE NUMBER OF ANCHORS REQUIRED, AS SPECIFIED ON THE LOAD TABLES.

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) X0 OR X1 WINDOWS ARE QUALIFIED FOR USE WITH SINGLE GLAZE LAMINATED GLASS TYPES TABULATED HEREIN (SEE SHEET #4).

6) X0 OR X1 WINDOWS ARE QUALIFIED FOR USE WITH DOUBLE GLAZE LAMINATED INSULATED GLASS TYPES TABULATED HEREIN (SEE SHEET #4).

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

8) SEE SHEET #4 FOR GLAZING DETAILS & OPTIONS. (REFER TO SHEETS #4 FOR MAX. DESIGN PRESSURES.

9) WOOD OPENINGS SHALL BE PROTECTED WITH AN APPROVED MOISTURE RESISTANT WEATHERBARRIER (BY OTHERS), PRIOR TO WINDOW INSTALLATION. (SEE SHEET #3 FOR INSTALLATION 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 SECTION 2003.8.4

**XO** WINDOW ELEVATION

**"OX" REVERSED**

SERIES – 8800 HORIZONTAL SLIDING IMPACT WINDOW – FIN FRAME

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**GLAZING DETAILS, OPTIONS AND DESCRIPTION**

(Note: See DP Charts at Sheet 4 of 5)

**Laminate Types & Options**

1) TruStile PVK by Kuraray America, Inc.
2) Safex PVK by Eastman Chemical Company
EXPOSED WINDOW FRAME FIN TO BE PROTECTED WITH AN APPROVED MOISTURE / WEATHER BARRIER THROUGHOUT ENTIRE PERIMETER OF FIN BY OTHERS (TYP.)

METAL LATH STUCCO

EXT. GRADE PLYWOOD

#12 SMS or WS W/ 1 1/2" MIN. WOOD EMBEDMENT (TYP.)

ALL WOOD FRAMING ENGINEERED SEPARATELY & TO BE REVIEWED BLDG. OFFICIAL (TYP.)

1 1/2" MIN. EMBEDDED (TYP.)

1 1/2" MIN. EMBEDDED (TYP.)

ALTERNATE DETAIL

1/4" SHIM

CLEAR SILICONE ADHESIVE BEDDING COMPOUND

INTERIOR

LAMINATED GLASS

EXTERIOR

EXT. GRADE PERIMETER CAULKING

2 BY 4 P.T. WOOD BUCK

1/4" SHIM SPACE

1/4" MAX. SHIM SPACE

NOTE:
ALL ANCHORS TO BE #12 SMS OR WD 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 BUCK IS LESS THAN 1/8", SHIMS ARE NOT REQUIRED.

PRODUCT REVISED
as complying with the Florida Building Code
NOA-No. 20-0813.05
Expiration Date: 10/09/2023
By: Miami-Dade Product Control
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FRAME & SASH CORNER ASSEMBLY DETAILS