CONTRACT NO. 17-1025.13
EXPIRATION DATE: July 07, 2020
APPROVAL DATE: February 01, 2018
Page 1
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

I. EVIDENCE SUBMITTED UNDER PREVIOUS NOA's
A. DRAWINGS
   1. Manufacturer's die drawings and sections.
      *(Submitted under NOA No. 10-0422.07)*
   2. Drawing No. **08-00920**, titled “Series BT601/TT600 Storm Front OS Aluminum
      Storefront Door System - LMI”, sheets 1 through 13 of 13, dated 01/11/10, with
      revision B dated 05/11/15, prepared by manufacturer, signed and sealed by Luis R.
      Lomas, P.E.

B. TESTS
   1. Test reports on: 1) Air Infiltration Test, per TAS 202-94
      2) Uniform Static Air Pressure Test, Loading per TAS 202-94
      3) Water Resistance Test, per TAS 202-94
      4) Large Missile Impact Test, TAS PA 201-94
      5) Cyclic Loading Test, per FBC TAS 203-94
      6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
      7) Tensile Test, per ASTM E8

along with installation diagram of aluminum storefront system and storefront door
system, marked-up by American Test Lab, Inc. North, Test Report No.
**ATLNC-1019.01-09**, dated 02/22/10, signed and sealed by David Wesley Johnson, P.E.
*(Submitted under NOA No. 10-0422.07)*

C. CALCULATIONS
   1. Anchor verification calculations and structural analysis, complying with **FBC 5th
      Edition (2014)**, dated 05/11/15 and 09/24/15, prepared, signed and sealed by Luis R.
      Lomas, P.E.
   2. Glazing complies with **ASTM E1300-04**

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.** for their
      “SentryGlas® (Clear and White) Glass Interlayers” dated 06/25/15, expiring on
      07/04/18.

F. STATEMENTS
      financial interest, dated May 11, 2015, issued, signed and sealed by Luis R. Lomas,
      P.E.

Weight: 2.079
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)
2. Proposal # 09-1190 issued by BCCO to United States Aluminum Corporation, dated 08/24/09, signed by Jaime Gascon, P.E., Chief Product Control Division.
   (Submitted under NOA No. 10-0422.07)

G. OTHERS
1. Notice of Acceptance No. 10-0422.07, issued to United States Aluminum Corporation for their Series “BT-601/IT-600 Storm Front” Outswing Aluminum Storefront Door - L.M.I., approved on 07/07/10 and expiring on 07/07/15.

2. NEW EVIDENCE SUBMITTED
A. DRAWINGS
1. None.

B. TESTS
1. None

C. CALCULATIONS
1. Revised anchor verification calculations and structural analysis, complying with FBC 6th Edition (2017), dated 10/05/17, prepared, signed and sealed by Luis R. Lomas, P.E.

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. for their “SentryGlas® (Clear and White) Glass Interlayers” dated 12/28/17, expiring on 07/04/23.

F. STATEMENTS

G. OTHERS

Manuel Perez, P.E.
Product Control Examiner
NOA No. 17-1025.13
Expiration Date: July 07, 2020
Approval Date: February 01, 2018
NOTES:
1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVM.
2) WOOD FRAMING, STEEL FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR CD=1.0 WAS USED FOR WOOD ANCHOR CALCULATIONS.
4) FRAME MATERIAL: THERMALLY BROKEN EXTRUDED ALUMINUM 6063-T5 .085" THICK.
5) UNITS MUST BE GLAZED WITH 1 5/16" IGU CONSISTING OF: 1/4" HS EXTERIOR PANEL – AIR – LAMINATED INTERIOR PANEL CONSISTING OF 1/4" HS .090 SENTRYGLASS BY KURARAY AMERICA, INC. – 1/4" HS PER ASTM E1505-04.
6) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS ON INSTALLATIONS UP TO 30' ABOVE GRADE.
7) DOORS MAY BE LEFT HAND OUTSWING OR RIGHT HAND OUTSWING.
8) HINGE LOCATIONS FROM BOTTOM OF PANEL UP TO BOTTOM OF HINGE.
FIRST HINGE = 6" 
SECOND HINGE = 45 1/2"
THIRD HINGE = 84 15/16"

HARDWARE SCHEDULE
A. AIT 8 PANIC BAR
B. LCN 4111 CLOSER
C. JACKSON 1285 PANIC BAR
D. LCN 1461 SURFACE CLOSER
E. JACKSON 20-330 CHIC CLOSER
F. LCN 2030 CLOSER
G. 1935A-450 STANDARD LOCKSET
H. NOS FLUSH BOLTS
I. CR LAWRENCE SURFACE CLOSER CL45
J. US ALUMINUM FLUSH BOLTS
K. (3) 1 1/2" HAGER BUT HINGES

SIGNED: 10/07/2015

PRODUCT REVISED on complying with the Florida Building Code Acceptance Per A1-0246 Rev. 13
Effective Date: 7/21/2020
By: Michael Haden Product Designer

PRODUCT REVISED on complying with the Florida Building Code Acceptance Per A1-0246 Rev. 13
Effective Date: 7/21/2020
By: Michael Haden Product Designer

US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
2503 E. VERNON AVE, LOS ANGELES, CA 90058

SERIES BT601/BT602 STORM FRONT OS ALUMINUM STOREFRONT DOOR SYSTEM – LMI ELEVATION AND NOTES

DRAWN: T.J.H.
DATE: 08-00920
REV: B
1) Shim as required at each installation anchor with load bearing shim where space of 1/16" or greater occurs. Maximum allowable shim stack to be 1/2".

2) For anchoring head, jams and water threshold into concrete use 3/8" power-bolt anchor with sufficient length to achieve a 2" minimum embedment into substrate with 3" minimum edge distance.

3) For anchoring air threshold into concrete use 1/4" tapcon with sufficient length to achieve a 1 3/4" minimum embedment into substrate with 2 1/2" minimum edge distance.

4) For anchoring head, jams and water threshold into wood frame use 3/8" lag screw with sufficient length to achieve a 1 7/8" minimum embedment into substrate with 1 1/2" minimum edge distance.

5) For anchoring air threshold into wood frame use #14 wood screw with sufficient length to achieve a 1 5/8" minimum embedment into substrate with 5/8" minimum edge distance.

6) For anchoring head, jams and water threshold into 16ga. minimum steel, frame use 3/8" self tapping screw with sufficient length to achieve 3 threads minimum embedment beyond steel framing.

7) For anchoring air threshold into 16ga. minimum steel, frame use #14 tek screw with sufficient length to achieve 3 3/4 threads minimum embedment beyond steel framing.

8) All fasteners to be corrosion resistant.

9) Installation anchors shall be installed in accordance with anchor manufacturer's installation instructions, and anchors shall not be used in substrates with strengths less than the minimum strength specified below:

A. Wood - Minimum specific gravity of 0.45
B. Concrete - Minimum compressive strength of 3,192 psi
C. Steel, framing - 120,000 (ksi) minimum steel study

10) All dissimilar materials must be separated per standard installation practices.

11) Typical perimeter fasteners and sealants by others.
## Parts List

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<tr>
<th>NO.</th>
<th>PART NUMBER</th>
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## Revisions

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## Glazing Detail

1. 1/5" O.A. THICKNESS
2. 1/4" HS
3. 1/4" HS
4. .020" Sentryglas by Kuraray America, Inc.
5. 1/4" HS
6. 9/16" GLASS BITE
7. 1" STIP #4 Laminated Glass

**Signed:** 10/07/2015
NOTE: FOR ANCHORING TO SUBSTRATE SEE SHEETS 7 THRU 10.
**WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED**

1/2" MAX. SHIM

**BACKER ROD AND Approved SEALANT BY OTHERS**

**FASTENER HEADS MUST BE COVERED WITH APPROVED SEALANT**

3/8" LAG SCREW

**INTERIOR**

**EXTERIOR**

**DOOR HEADER**

2X WOOD FRAMING INSTALLATION "THRON HEADER SIMILAR"

**NOTES:**
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM C3712

**2X WOOD FRAMING INSTALLATION**

**HINGE JAMB SHOWN, LOCK JAMB AND TRANSOM JAMB SIMILAR**

**#14 WOOD SCREW**

**SILL TO BE SET IN BED OF APPROVED SEALANT**

**WOOD FRAMING BY OTHERS, WOOD FRAMING TO BE PROPERLY SECURED**

5/8" MIN. EDGE DIST.

**AIR THRESHOLD**

2X WOOD FRAMING INSTALLATION

**US ALUMINUM**

DIVISION OF C.R. LAURENCE CO., INC.
2503 E. VERNON AVE, LOS ANGELES, CA 90065

SERIES 81601/1600 STORM FRONT OS ALUMINUM STORFRONT DOOR SYSTEM - LMI INSTALLATION DETAILS

SIGNED: 10/07/2015

**PRODUCT REVISED** to comply with the Florida Building Code Acceptance Date 04/25/19

**MANUFACTURER**

**MATERIALS**

**SCALE**

**DATE**

**SHR**

**Dwg No.**

**REV**
NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112