

#### Air Balance Inc. a division of Mestek, Inc. 450 Riverside Drive Wyalusing, PA 18853

#### wyalusing, PA 1885

**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: Model A820 8" Aluminum Louver System**

**APPROVAL DOCUMENT:** Drawing No. 1625, titled "Model A820 Impact Louver System", sheets 1 through 3 of 3, dated 11/12/2008, with revision B1, dated 07/05/2017, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren. W. Schaefer, 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, model/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 # 18-1031.03** 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 Carlos M. Utrera, P.E.



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# **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

#### 1. Evidence submitted under previous NOAs

- A. DRAWINGS "Submitted under NOA # 12-0105.03"
  - 1. Drawing No. 1625, titled "Model A820 Impact Louver System", sheets 1 through 3 of 3, dated 11/12/2008, with revision A1, dated 11/08/2011, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

## B. TESTS "Submitted under NOA No. 08-1202.08"

- 1. 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 and ASTM E1886/1996 Level E.
  - 3) Cyclic Wind Pressure per FBC, TAS 203-94 and ASTM E1886/1996.

along with marked-up drawings and installation diagram, of their A-820 Aluminum Louver System", prepared by Hurricane Test Laboratory, Inc., Report No. **0198-0812-08**, dated 10/14/2008, signed and sealed by Vinu J. Abraham, P.E.

 Test report on Wind and Wind-Driven Rain Resistance per TAS 100(A)-95 of their A-820 Louver, prepared by PRI Construction Materials Technologies, LLC, and Report No. 009-02-02, dated 04/28/2008, signed and sealed by Duc T. Nguyen, P.E.

## C. CALCULATIONS "Submitted under NOA No. 08-1202.08"

1. Anchoring calculations prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 11/24/2008, signed and sealed by Warren W. Schaefer, P.E.

## D. QUALITY ASSURANCE

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

## E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS "Submitted under NOA No. 14-0423.30"

 Statement letter of code conformance to 2010 and 5<sup>th</sup> edition (2014) FBC issued by W. W. Schaefer Engineering & Consulting, P.A., dated 04/10/2014, signed and sealed by Warren W. Schaefer, P.E.

## "Submitted under NOA No. 13-1017.06"

2. No financial interest letter issued by W. W. Schaefer Engineering & Consulting, P.A, dated 09/04/2013, signed and sealed by Warren W. Schaefer, P.E.

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## **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

### 2. Evidence submitted under NOA # 17-0713.15

#### A. DRAWINGS

1. Drawing No. 1625, titled "Model A820 Impact Louver System", sheets 1 through 3 of 3, dated 11/12/2008, with revision B1, dated 07/05/2017, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, 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. None.

## F. STATEMENTS

- 1. Statement letter of code conformance to the 5<sup>th</sup> Edition (2014) and 6<sup>th</sup> Edition (2017) FBC issued by W. W. Schaefer Engineering & Consulting, P.A., dated 07/05/2017, signed and sealed by Warren W. Schaefer, P.E.
- 2. Company name change request letter issued by W.W. Schaefer Engineering & Consulting, P.A., dated 07/05/2017, signed by Warren W. Schaefer, P.E.

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## **NOTICE OF ACCEPTANCE:** EVIDENCE SUBMITTED

- 3. New evidence submitted
- A. DRAWINGS
  - 1. None.

## B. TESTS

1. None.

### C. CALCULATIONS "Submitted under NOA # 18-1031.03"

1. Anchoring calculations prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 10/25/2018, signed and sealed by Warren W. Schaefer, P.E.

## D. QUALITY ASSURANCE

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

## E. MATERIAL CERTIFICATIONS

1. None.

## F. STATEMENTS

1. Statement letter of code conformance to the 6<sup>th</sup> Edition (2017) and 7<sup>th</sup> Edition (2020) FBC issued by W. W. Schaefer Engineering & Consulting, P.A., dated 06/03/2020, signed and sealed by Warren W. Schaefer, P.E.

#### *"Submitted under NOA # 18-1031.03"*

2. Statement letter of no financial interest issued by W. W. Schaefer Engineering & Consulting, P.A, dated 10/25/2018, signed and sealed by Warren W. Schaefer, P.E.

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