



1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Product Evaluation Report

of

**Air Master Windows and Doors
Series Aluminum Sliding HP Door
(HVHZ) (Impact)**

for

Florida Product Approval

FL# FL20662

Report No. 9322

Current Florida Building Code

Method: 1-D (Engineering Evaluation)
Category: Exterior Walls
Sub – Category: Sliding Exterior Door Assemblies

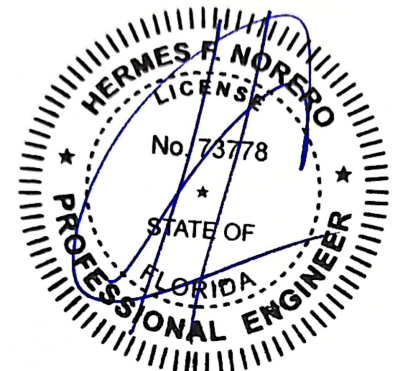
Product: Series Aluminum Sliding HP Door
Materials: Aluminum 6063-T5
Product Dimensions: See Installation Instructions, AIR008

Prepared for:

**Air Master Windows and Doors
1777 Clearbrook Rd #120
Abbotsford, BC V2T 5X5, Canada**

Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 6/25/2024



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Hermes F. Norero, P.E.
Florida P.E. No. 73778

1900 NE MIAMI CT. SUITE 2-15, MIAMI, FL 33132

Manufacturer: Air Master Windows and Doors

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assemblies

Compliance Method: State Product Approval Method (1)(d)

Product Name: Series Aluminum Sliding HP Door (HVHZ) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Air Master Windows and Doors** based on Method 1d of the State of Florida Product Approval, Department of Business and Professional Regulation - Florida Building Commission.

Hermes F. Norero, P.E. does not have nor will acquire financial interest in the company manufacturing or distributing the product or in any other entity involved in the approval process of the product named herein.

This product has been evaluated for use in locations adhering to the current Florida Building Code.

See Installation Instructions **AIR008**, signed and sealed by Hermes F. Norero, P.E. (FL # 73778) for specific use parameters.

Limits of Use:

1. This product has been evaluated and is in compliance with the current Florida Building Code, **including** the “High Velocity Hurricane Zone” (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment into substrate material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with chapter 26 of the current edition of the Florida Building Code and **does not** require impact resistant covering in areas requiring Impact Resistance.
4. Site conditions that deviate from the details of installation instructions **AIR008** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **AIR008** for size and design pressure limitations.

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Quality Assurance: The manufacturer has demonstrated compliance of products in accordance with the current Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **National Accreditation and Management Institute, Inc.** (FBC Organization #: QUA1789)

Performance Standards: The product described herein has been evaluated per:

- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **BlackWater Testing Inc.**
(FBC Organization # TST10394)
Report #: Report Date:
BT-AM-12-003 11/12/2012
BT-AM-12-003(A) 06/03/2013
BT-AM-12-003(B) 06/03/2013
TAS Reports Signed and Sealed by: Kamil Kuri, FL PE No. 44726
2. Material Certification:
Miami-Dade County Notice of Acceptance
Eastman Chemical Company
Saflex CP Composite Interlayer with PET Core with Saflex HP

Installation:

Refer to Installation Instructions (**AIR008**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**AIR008**) for design pressure configurations.