



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

Product Evaluation Report

of

**Air Master Windows and Doors
IGS 500 Storefront
(HVHZ) (Impact)**

for

Florida Product Approval

FL# FL47744

Report No. 10930

Current Florida Building Code

Method:	1-D (Engineering Evaluation)
Category:	Panel Walls
Sub – Category:	Storefronts
Product:	IGS 500 Storefront
Materials:	Aluminum 6063-T5
Product Dimensions:	See Installation Instructions, AIR025

Prepared for:

**Air Master Windows and Doors
Road PR #2 Interior KM 56.7
Barceloneta, Puerto Rico 00617**

Prepared by:

Hermes F. Norero, P.E.

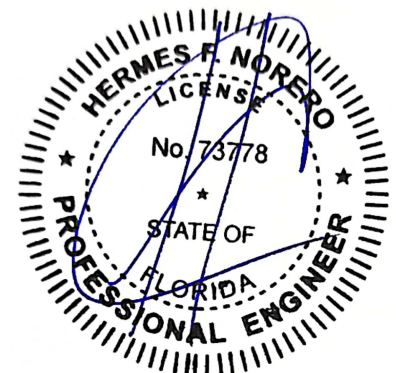
Florida Professional Engineer # 73778

Date: 8/9/2026

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.08.11 16:52:17 +02'00'

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: Panel Walls

Product Sub-Category: Storefronts

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

Product Name: IGS 500 Storefront
(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 **AIR025**, 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 16 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 **AIR025** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **AIR025** for size and design pressure limitations.

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Quality Assurance: The manufacturer has demonstrated compliance of manufacture 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:

- AAMA 501-25
- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc., an Intertek Company** (FBC Organization # TST1527)
Report #: R3835.01-450-18.R1 Report Date: 07/01/2025
Signed and Sealed by Tanya A. Dolby, P.E. FL# 93536
2. Quality Assurance
National Accreditation and Management Institute, Inc.
(FBC Organization # QUA1789)

Installation: Refer to Installation Instructions (**AIR025**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure: Refer to Installation Instructions (**AIR025**) for design pressure configurations.

Equivalence of Test Standards:

This document shall serve to state that the submitted products comply with Chapter 17 & 24 of the Florida Building Code for testing in accordance with AAMA 501-25 "Methods of Tests for Exterior Walls".

The testing on this product complies with the requirements specified within the AAMA 501-25 standard, as required by the Florida Building Code. This standard is listed under Chapter 35 of the current Florida Building Code and titled "Methods of Tests for Exterior Walls". At a minimum, AAMA 501-25 requires exterior wall systems be tested to ASTM E283, ASTM E330 and ASTM E331 test standards.

Air Master Windows and Doors has successfully tested their products to ASTM E283, ASTM E330, and ASTM E331 (following TAS 202) in accordance with the test requirements set forth within the applicable test standard. All test methods and procedures may be considered equivalent or better than those in AAMA 501-25.

All test results meet or exceed requirements of the current Florida Building Code.