



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

Product Evaluation Report

of

Arcadia Inc.

**WS512HD Series Door (Single/Double)
(WZ4)(Missile Level E)**

for

Florida Product Approval

FL#40955

Report No. 11785

Current Florida Building Code

Method:	1-D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Swinging Exterior Door Assemblies
Product:	WS512HD Series Door (Single/Double)
Materials:	Aluminum 6063-T5
Product Dimensions:	See Installation Instructions, ARC022

Prepared for:

Arcadia Inc.

2301 East Vernon Ave.

Vernon, CA 90058

Prepared by:

Hermes F. Norero, P.E.

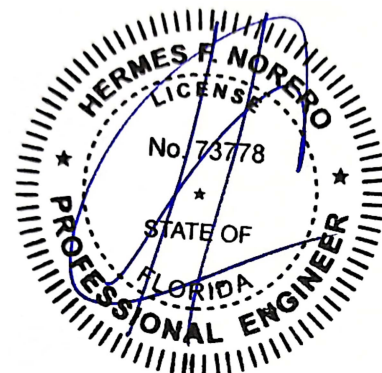
Florida Professional Engineer # 73778

Date: 10/5/2026

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Manufacturer: Arcadia Inc.

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

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

Product Name: WS512HD Series Door (Single/Double)
(WZ4)(Missile Level E)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Arcadia Inc.** 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 **ARC022**, 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, excluding 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 Florida Building Code and does not require an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **ARC022** require further engineering analysis by a licensed engineer or registered architect. See Installation Instructions **ARC022** for size and design pressure limitations.

Quality Assurance Agency: 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 **Architectural Testing, Inc.** (FBC Organization #: QUA1844).

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

- ASTM E1886-19
- ASTM E1996-23
- TAS 202-94

Referenced Data:

1. Product Testing Performed by Intertek Testing NA, Inc. – Lake Forest, CA
(FBC Organization # TST9424).
Report #: S8909.01-303-44-R0 Report Date: 02/06/2026
S8910.01-303-44-R1 11/03/2025
P4178.01-301-18 R0 06/08/2023
P4179.01-301-18 R0 06/08/2023
P4180.01-301-18 R0 06/08/2023
P4181.01-301-18 R0 06/08/2023
Signed and Sealed by Tyler Westerling, P.E. FL# 72012
2. Quality Assurance Agency
Architectural Testing, Inc.
(FBC Organization #: QUA1844)
3. Material Certification
Miami-Dade County Notice of Acceptance
Kuraray America, Inc.
SentryGlas Interlayer

Installation:

Refer to Installation Instructions (**ARC022**) for anchor types, spacing, and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**ARC022**) for design pressure configurations.