



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

Product Evaluation Report

of

**Arcadia Custom
TSX5000 & TSX5200 Outswing Door
(WZ3) (Impact)**

for

Florida Product Approval

FL# FL32366

Report No. 10112

Current Florida Building Code

Method:	1 – D (Engineering Evaluation)
Category:	Exterior Doors
Sub – Category:	Swinging Exterior Doors Assemblies
Product:	TSX5000 & TSX5200 Outswing Door
Materials:	Stainless Steel
Product Dimensions:	See Installation Instructions, ACWD005

Prepared for:

**Arcadia Custom
9280 E Old Vail Rd,
Tucson, AZ 85747**

Prepared by:

Hermes F. Norero, P.E.

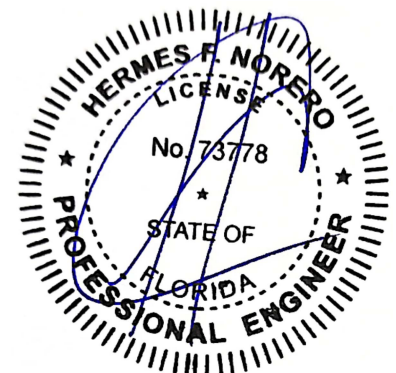
Florida Professional Engineer # 73778

Date: 8/15/2025

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.08.19 15:28:25 -04'00'



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

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

Manufacturer: Arcadia Custom

Product Category: Exterior Door

Product Sub-Category: Swinging Exterior Doors Assemblies

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

Product Name: TSX5000 & TSX5200 Outswing Door
(WZ3) (Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **Arcadia Custom** based on Method 1d of the State of Florida Product Approval, Florida Department of Business & 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 **ACWD005**, 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 FBC and **does not** require an impact resistant covering in Wind Zones 3 or less.
4. When used in areas requiring wind borne debris protection this product **does** require an impact resistant covering in Wind Zones 4
5. Site conditions that deviate from the details of Installation Instructions **ACWD005** require further engineering analysis by a licensed engineer or registered architect.
6. See Installation Instructions **ACWD005** for size and design pressure limitations.

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Quality Assurance: The manufacturer has demonstrated compliance of products in accordance with the Florida Building Code for manufacturing under a quality assurance program audited by an approved quality assurance entity through **Keystone Certifications, Inc.** (FBC Organization #: QUA1824).

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

- AAMA/WDMA/CSA 101/I.S.2/A440-11
- ASTM E1886-13a
- ASTM E1996-14a

Referenced Data:

1. Product Testing performed by **Intertek Testing Services NA, Inc.**
(FBC Organization # TST9424)
Report: J9132.01-303-44, Report Date: 07/11/19
Report: H6252.01-303-44 Report Date: 12/21/18
Report: H6252.03-303-44, Report Date: 01/02/19
2. Quality Assurance
Keystone Certifications, Inc.
(FBC Organization #: QUA1824)
3. Material Certification
Miami Dade County RER Notice Acceptance
Current NOA for SGP Sentryglas Interlayer by Kuraray America, Inc.

Installation: Refer to Installation Instructions (**ACWD005**) for anchor spacing and more details of the installation requirements.

Design Pressure: Refer to Installation Instructions (**ACWD005**) for design pressures and product sizes.