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Product Evaluation Report

of

La Cantina Doors, Inc.
Thermally Controlled Side Hinged Swing Door
(Non-HVHZ) (Non-Impact)

for

Florida Product Approval

Report No. 8360

Current Florida Building Code

Method:	**1 – D (Engineering Evaluation)**
Category:	**Exterior Doors**
Sub – Category:	**Swinging Exterior Door Assemblies**
Product:	**Thermally Controlled Side Hinged Swing Door (Non-HVHZ) (Non-Impact)**
Material:	**Aluminum 6063-T5**
Product Dimensions:	**See Installation Instructions, LCD003**

Prepared for:
La Cantina Doors, Inc.
1875 Ord Way
Oceanside, CA. 92056

Prepared by:
Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 02/17/2023

Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.04.04 12:31:46 -04'00'

HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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Manufacturer: **La Cantina Doors, Inc.**

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

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

Product Name: **Thermally Controlled Side Hinged Swing Door (Non-HVHZ) (Non-Impact)**

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **La Cantina Doors, 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 on **LCD003**, 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** require an impact resistant covering.
4. Site conditions that deviate from the details of Installation Instructions **LCD003** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions on **LCD003** 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 **National Accreditation & Management Institute, Inc.** (FBC Organization #QUA1789)

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

- ASTM E330-14
- ASTM E283-04(12)
- ASTM E547-00(09)

Referenced Data:

1. Product Testing performed by **Fenestration Testing Laboratory, Inc.**
   (FBC Organization # TST9341)

Report #:	Report Date:
T13-058	10/24/13
T13-059	10/24/13

2. Quality Assurance
   National Accreditation & Management Institute, Inc.
   (FBC Organization #QUA1789)

Equivalence of Test Standards:

Various test standards have been evaluated for differences in test methodology, if any, between tested editions of the test standards listed below and those editions referenced in the current Florida Building Code. **La Cantina Doors, Inc.** has tested their products to the following test standard edition(s):

1) ASTM E330-02
2) ASTM E283-04

Chapter 35 of the current Florida Building Code references the following editions of the above mentioned test standards:

1) ASTM E330-14
2) ASTM E283-04(12)

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After review of the above mentioned referenced standards and editions, it has been found that the results and tests carried out meet the requirements for compliance. All referenced standards have been found to be equivalent.

Installation Method: Please refer to Installation instructions, **LCD003**, for anchor methods, selection, spacing, edge distances, embedments and further details of installation.

Design Pressure: Please refer to Installation instructions, **LCD003**, for sizes, configurations and design pressures.

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