Engineering Evaluation Report

JR Engineering LLC
2482 Armstrong Valley Rd
Murfreesboro, TN 37128

Report: 102278rev1

Manufacturer: Coral Architectural Products
3010 Rice Mine Road
Tuscaloosa, AL 35406

Product Model: FL550 Storefront System

Description of Product:
The frame is constructed of 6063-T6 aluminum. Frame members are straight cut and mechanically fastened through internal screw bosses. Adhesive butyl tape applied to all interior corners/

Submitted Technical Documentation:

1. Test Report CORL-011-02-02 dated 02/22/19 signed and sealed by Zachary Priest, PE of PRI Construction Materials Technologies LLC located in Tampa, Florida.

AAMA 501-15:	Passed
ASTM E283-04:	Air Infiltration: 6.24 psf
ASTM E331-00:	Water Infiltration: 15.0 psf
ASTM E330-02:	Design Pressure: + /- 55.0 psf
TAS 201-94:	Large Missile Impact Resistance Passed
TAS 202-94:	Air Infiltration: 6.24 psf
TAS 203-94:	Design Pressure: + /- 55.0 psf

2. Quality Assurance supplied by Keystone Certifications, Inc. located in New Cumberland, PA.

Limitations of Use:

1. Maximum product design pressure of +/- 55.0 psf.
2. Maximum tested size of 148-1/2" wide by 144" high.
3. Maximum daylight opening: 45-1/2" wide by 92-7/8" high.
4. Product is rated for use in the High Velocity Hurricane Zone (HVHZ).
5. Product is impact resistant and will not require the use of an impact protection system if installed in the Wind Borne Debris Region.
6. Glazing must comply with ASTM E1300. The tested glazing consisted of 1-1/4" IG consisting of an exterior sheet of 1/4" heat strengthened glass an interior laminate glass consisting of two sheets of 1/4" heat strengthened glass separated by a .090" PVB or 0.090" Sentryglass interlayer. System may be wet or dry glazed.
7. Units must be installed as per the manufacturer installation documentation and the drawings listed on the FPA.
8. The installation details described herein are generic and may not reflect actual conditions for a specific site. If site conditions cause the installation to deviate from the requirements detailed herein, a licensed engineer or architect shall prepare site specific documents for use with this document

JR Engineering LLC
2482 Armstrong Valley Rd
Murfreesboro, TN 37128

Compliance:
The above listed products have been shown to demonstrate compliance with the 2023 Florida Building Code and with the Florida Department of Business and Professional Regulation for Statewide Product Approval as per Rule 61G20-3.

Certificate of Independence:
In accordance with Rule 61G20-3, I do not have, nor do I ever intend to acquire, any financial interest in any manufacturing company associated with this evaluation report. I also do not have any financial interest in the manufacturing company or any company associated with the manufacturing company.

JOSHUA M. ROYCE
LICENSE
No. 68180
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Secure Electronic Seal
For Electronic Submissions
2023.10.22

Digitally Signed by: Josh Royce

Joshua Royce, P.E.
Revision 1: 10/12/2020