

PRODUCT EVALUATION REPORT
RULE 61G20-3 – EVALUATION REPORT FROM A PROFESSIONAL ENGINEER
Report Number: 23-126

1- Date: 10/07/2023

2- Manufacturer: Phoenix Aluminum Products
7781 NW 73rd Court
Miami, Florida – 33166

3- Product Name: Series 5700 Flush Glazed Aluminum Storefront

4- Evaluation Entity: Florida Professional Engineer
Pedro Paulo M. De Figueiredo – PE 52609
9715 West Broward Blvd. 247
Plantation – Florida – 33324

5- Statement of Compliance: This product evaluation report is being issued per Rule 61G20-3 of the Florida Department of Business and Professional Regulation. The products covered by this report have proven to be compliant with the Florida Building Code 2023 – 8th edition, not limited to the following standards: TAS 201, 202 AND 203; ASTM E330, E1886, E1996 Aluminum Design Manual 2020, ASTM E-1300.

6- Product Description: This product is an aluminum glazed storefront window. The system is Large Missile impact rated and tested for use in the HVHZ and non HVHZ. The product is designed, constructed, and tested to provide protection from hurricane force winds and wind born debris within the allowable designed pressures and limitations state in this approval. Specification, fabrication, and installation are as per drawings 23-126.

7- Technical Documentation:

7.1- Approval Document: Drawings number 23-126 prepared by PPMF, Inc. on 10/07/2023 sheets 1 through 9 of 9, titled "Series 5700 Flush Galzed Aluminum Storefront" signed and sealed by Pedro De Figueiredo, PE.

7.2- Test Reports –

Heti 17-5101 – TAS 202 & AAMA 501 (Mandatory Sections) – Signed by Rafael E. Droz Seda PE
Het 17-5103 – TAS 202 – Signed by Rafael E. Droz Seda PE
Het 17-5104 – TAS 201, 203 – Signed by Rafael E. Droz Seda PE
Het 17-5105 – TAS 202 – Signed by Rafael E. Droz Seda PE
Het 17-5106 – TAS 201, 203 – Signed by Rafael E. Droz Seda PE
Het 18-6025 – TAS 201, 203 – Signed by Rafael E. Droz Seda PE
Het 20-8067 – TAS 201, 203 level E – Signed by Rafael E. Droz Seda PE

7.3- Calculations: Calculations and design for framing anchorage and analysis of test results, prepared on 8/5/2020 and signed and sealed by Pedro De Figueiredo, PE. Calculations are compliant to the FBC 2023 – 8th edition.

8- Limitation and Conditions of use:

8.1 – Product designed, manufactured, and installed as per the approval document listed above, drawing 23-126.

9- Others:

Pedro
Figueiredo

Digitally signed by
Pedro Figueiredo
Date: 2023.10.07
21:11:44 -04'00'



Pedro De Figueiredo
Fl. P.E. License: 52609
System ID: 2504