

PRODUCT EVALUATION REPORT
RULE 61G20-3 – EVALUATION REPORT FROM A PROFESSIONAL ENGINEER
Report Number: 26-097

1- Date: 05/18/2026

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

3- Product Name: Series 6000 Curtain Wall

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.

6- Product Description: This product is an aluminum glazed curtain wall system. The system is Large, Small and Level E Missile impacted 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 26-097.

7- Technical Documentation:

7.1- Approval Document: Drawings number 26-097 prepared by PPMF, Inc. on 05/17/2026 sheets 1 through 19, titled “Series 6000 Aluminum Curtain Wall” signed and sealed by Pedro De Figueiredo, PE.

7.2- Test Reports –

7.2.1- BT-PHO-22-001 – Signed and Sealed by Michael D. Caldwell, PE 49979 on 7/6/2022

6 MODULES: 60" X (150"+150"+ 50 5/8" (CANTILEVER)) + 90D CORNER

(12) 57 1/2" X 117 1/2" DLO GLAZING, (12) 57 1/2" X 47 3/4" DLO GLAZING

TEST PROTOCOLS: AAMA 501-15 (MANDATORY SECTIONS)
 AIR INFILTRATION ASTM E283-04
 WATER INFILTRATION ASTM E331-00 (2009) - (13.5 PSF)
 TAS 202 - (+90 PSF, -120 PSF)
 FORCE ENTRY ASTM F588-14, ANSI Z97.1
 TAS 201-94 (ASTM E1996-14a) (LEVELS A, D AND E)
 TAS 203-94 (ASTM E1886-13a) (+90, -135 PSF)

7.2.2- BT-PHO-22-004 – Signed and Sealed by Michael D. Caldwell, PE 49979 on 8/4/2022

3 MODULES: 61 1/4" X 120", ((2) 57 1/2" X 115" DLO GLAZING, (1) 58 3/4" X 115" DLO GLAZING)

TEST PROTOCOLS: AAMA 501-15 (MANDATORY SECTIONS)
 AIR INFILTRATION ASTM E283-04
 WATER INFILTRATION ASTM E331-00 (2009) - (9 PSF)
 TAS 202 - (+60 PSF, -75 PSF)
 FORCE ENTRY ASTM F588-14, ANSI Z97.1
 TAS 201-94 (ASTM E1996-14a) (LEVEL D)
 TAS 203-94 (ASTM E1886-13a) (+60, -75 PSF)

7.2.3- BT-PHO-22-003 – Signed and Sealed by Michael D. Caldwell, PE 49979 on 4/24/2023

3 MODULES + DOOR + TRANSOM : 247 X 149 3/4

(3) 45 1/2" X 117 1/2" DLO, (3) 45 1/2" X 24 3/4" DLO, (1) 98 X 120 1/2 GLAZING

TEST PROTOCOLS: AAMA 501-15 (MANDATORY SECTIONS)
 AIR INFILTRATION ASTM E283-04
 TAS 202 - (+90 PSF, -105 PSF)
 FORCE ENTRY ASTM F588-14, ANSI Z97.1
 TAS 201-94 (ASTM E1996-14a) (LEVEL D)
 TAS 203-94 (ASTM E1886-13a) (+90, -105 PSF)

7.3- Calculations: Glazing analysis using ASTM E1300, aluminum framing analysis using comparative analysis with test results and anchorage calculations was performed and prepared on 4/20/2023 by Pedro De Figueiredo, PE. Calculations are compliant to the FBC 2023 – 8th edition.

7.4- Florida Approval: Existing FL 41655-R1 to be renewed and updated with this file.

8- Limitation and Conditions of use:

8.1 – Product must be designed, manufactured, and installed as per the approval document listed above and drawing 26-097.

9- Others: Revision to add correction for die PHX-606 and add alternate BCE-289 Snap plate



Pedro
Figueiredo

Digitally signed by
Pedro Figueiredo

Date: 2026.05.18
18:36:26 -04'00'

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