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Engineering Evaluation Report

Report No.: PAUR-19-01.01

**Date: December 16,
2020**

Product Category	Sub Category	Manufacturer	Product Name
Wall Panel	Impact Resistant Wall Panel	Pan Urania SPA Via Campania 8/H 53036 Poggibonsi (Siena) Italy	Insulated Steel Wall Panel 133.88" wide x 101.625" high

Scope: This is a Product Evaluation Report issued by FJS Engineering for Pan Urania SPA based on Rule Chapter No. 61G20-3, Method 1D of the State of Florida Product Approval, Department of Business & Professional Regulation.

FJS Engineering 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.

Limitations:

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements outside of the "High Velocity Hurricane Zone" (HVHZ).
2. The product's maximum height is 101.625" and maximum width is 133.88".
3. All supporting host structures shall support the superimposed loads on the panels.
4. The system is considered non-porous.
5. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
6. All components that are permanently installed shall be protected from contamination and corrosion.
7. Site conditions that deviate from the details of drawing FL-28505 require further engineering analysis by a licensed engineer or registered architect.
8. See drawings for size and design pressure limitations.

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Supporting Documents:

1. <u>Test Report No.</u>	<u>Test Date:</u>	<u>Testing Laboratory</u>	<u>Signed by</u>
TEL 02952231	September 6, 2018	Testing Evaluation Laboratories, Inc.	Vivian K. Wright, President

Test Standard

ASTM E330-02 "Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference"

ASTM E331-00 "Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference"

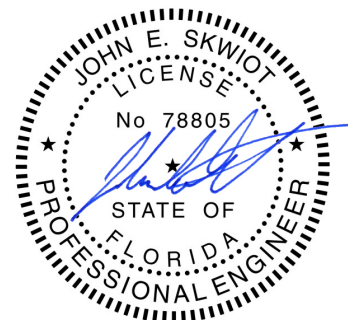
ASTM E283-04 "Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen"

ASTM E1886-05/E1196-09 "Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials"

2. <u>Drawing No.</u>	<u>Prepared by</u>	<u>Signed & Sealed by</u>
No. FL-21893.1	Pan Urania SPA	John Skwiot, PE

3. Quality Assurance

Pan Urania SPA has demonstrated compliance of products in accordance with the Florida Building Code and Rule 61G20-3.005 (3) for manufacturing under a quality assurance program audited by an approved quality assurance entity.



Signed: 12/16/2020