



398 E DANIA BEACH BLVD. SUITE 338, DANIA BEACH, FL 33004

Product Evaluation Report

of

**PanoramAH! America
PH38 Sliding Glass Door - Three Panel
(HVHZ)(Impact)**

for

Florida Product Approval

Report No. 7676

FL# FL21091

Current Florida Building Code

Method: 1 – D (Engineering Evaluation)
Category: Exterior Doors
Sub – Category: Sliding Exterior Door Assemblies

Product: PH38 Sliding Glass Door - Three Panel
Materials: Aluminum 6063-T5
Product Dimensions: See Installation Instructions, PAN001

Prepared for:

PanoramAH! America
Rua Dom Marcus da Cruz, 1240
Perafita, Portugal 4455-482

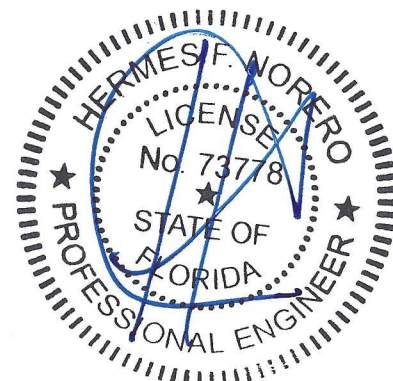
Prepared by:

Hermes F. Norero, P.E.
Florida Professional Engineer # 73778
Date: 7/29/2021

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2021.08.10 18:28:21 -04'00'



Hermes F. Norero, P.E.
Florida P.E. No. 73778

Manufacturer: PanoramAH! America

Product Category: Exterior Doors

Product Sub-Category: Sliding Exterior Door Assemblies

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

Product Name: PH38 Sliding Glass Door - Three Panel (HVHZ)(Impact)

Scope: This is a Product Evaluation Report issued by Hermes F. Norero, P.E. (FL # 73778) for **PanoramAH! America** 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 **PAN001**, 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, **including** 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 not require** an impact resistant covering.
4. Site conditions that deviate from the details of installation instructions **PAN001** require further engineering analysis by a licensed engineer or registered architect.
5. See Installation Instructions **PAN001** for size and design pressure limitations.

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** (FBC Organization #: QUA1789).

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

- TAS 201-94
- TAS 202-94
- TAS 203-94

Referenced Data:

1. Product Testing performed by **Architectural Testing, Inc. (an Intertek company) - Farmingdale, NY**
(FBC Organization # TST11360)
Report #: 104567 Date: 05/24/16
TAS test reports signed/sealed by Alexis Spyrou, P.E. No. 68101
2. Quality Assurance
National Accreditation Management Institute
(FBC Organization #: QUA1789).
3. Material Certification
Miami Dade RER Product Control Section – NOA
Kuraray SentryGlas Interlayer
4. Material Certification
Technoform Fiber Reinforced Polyamide Strut

Property	Test Standard	Requirement	Result
Self-Ignition	ASTM D1929	Greater than 650° F	740° F
Smoke Density	ASTM D2843	Less than 75	2.1
Rate of Burn	ASTM D635	C1 or C2	C2
UV Exposure	ASTM G26 ASTM D638	+/- 10%	5.91%



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Installation:

Refer to Installation Instructions (**PAN001**) for anchor spacing and more details of the installation requirements.

Design Pressure:

Refer to Installation Instructions (**PAN001**) for design pressures based on size, configuration, and glass types.